

## FILE NOTATIONS

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed .....

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected .....

Bond released

State or Fee Land .....

## LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CRLog..... CCLog..... Others.....

NELSON J. MARSHALL

PHONE 789-0272

GENE STEWART

PHONE 789-1795

LAWRENCE C. KAY

PHONE 789-1125

OFFICE LOCATION  
110 E. FIRST SOUTH

PHONE 789-1017

# Utah Engineering & Land Surveying

P. O. BOX Q  
VERNAL, UTAH 84078



August 3, 1978



Utah State Natural Resources Department  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTN: Cleon Feight

Dear Sir:

Due to rough terrain of location and access roads, Enserch Explorations location White River Federal #1-14, was staked the following distances from the section line 2095' FWL - 1213' FNL.

I realize this is out of the spacing pattern for this area and respectfully request an exception due to reasons given above.

Sincerely yours

Gene Stewart

GS/lm



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*  
 (Other instructions on  
 reverse side)

5. Lease Designation and Serial No.

 6. If Indian, Allottee or Tribe Name  
 U-38425

7. Unit Agreement Name

8. Farm or Lease Name

White River Federal

9. Well No.

#1-14

10. Field and Pool, or Wildcat

Bonanza

11. Sec., T., R., M., or Blk.  
and Survey or AreaSec. 14, T10S, R23E,  
S.L.B. & M.

12. County or Parrish

Uintah

13. State

Utah

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☐Gas  
Well ☒

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

Enserch Exploration Incorporated

3. Address of Operator

Empire Central Building 7701 No. Stemmons Freeway Dallas TX

4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 75247

At surface

1213' FNL 2095' FWL Section 14, T10S, R23E, S.L.B. &amp; M.

At proposed prod. zone

NE NW

14. Distance in miles and direction from nearest town or post office\*

11.1 miles North-East to Bonanza Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

16. No. of acres in lease

320

17. No. of acres assigned  
to this well18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

19. Proposed depth

7,000

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

22. Approx. date work will start\*

September 1, 1978

23.

### PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2	13 3/8	48.0	200	Suff. to circulate
7 3/8	4 1/2	11.6	7,000	Suff. to cover prod. zones

Operator proposes to drill well to total depth of 7,000' with water and salt base mud drilling fluid to test all zones through the Mesa Verde formation. A 12" x 3000# weld on head and 12" x 3000# doublegate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If the well is productive, casing will be restored as per BLM instructions, and regulation dryhole marker erected.

*What if they go on a dry hole? - produce it*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*Leo W. Bluer*

Title

Drilling Supervisor

Date

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:



ENSERCH EXPLORATION INC.  
13 Point Surface Use Plan  
For  
Well Location  
White River Federal #1-14  
Located In  
Section 14, T10S, R23E, S.L.B.&M.  
Uintah County, Utah

Enserch Exploration Incorporated  
White River Federal #1-14  
Section 14, T10S, R23E, S.L. B. & M.

1. EXISTING ROADS

See Attached Topographic Map "A".

To reach Enserch Exploration Incorporated well location White River Federal #1-14 located in the NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 14, T10S, R23E, S.L.B. & M., from Vernal, Utah:

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this highway and Utah State Highway 45 to the South; proceed South along Utah State Highway 45, 22 miles to Bonanza, Utah; proceed in a Westerly direction along an improved dirt road 4.4 miles to the point that an existing dirt road exists to the Southwest; proceed Southwesterly on this road 1.3 miles to the junction of this road and a road to the Southwest; proceed along Southwesterly on this road 4.3 miles to the junction of this road and a road to the South; proceed Southerly on this road 0.75 miles to the junction of this road and a road to the Southeast; proceed Southeasterly on this road 1 mile to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Southerly direction to the proposed location site.

The last 1 mile of road described in Item #1, prior to the access road, will be upgraded to meet the standards described in Item #2. Other than this, there is no major construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 14, T10S, R23E, S.L.B. & M., and proceeds in a Southerly direction 0.25 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be  $1\frac{1}{2}$  to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top or ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the

Enserch Exploration Incorporated  
White River Federal #1-14  
Section 14, T10S, R23E, S.L.B. & M.

2. PLANNED ACCESS ROAD - continued

access and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that is traversed by this road is over rolling hill type terrain and is vegetated by sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are other wells within a one-mile radius of the proposed well site. (See location plat for placement of Enserch Exploration Incorporated well location within the section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Enserch Exploration Incorporated gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck from the White River at an existing loading ramp located in the NE  $\frac{1}{4}$  Section 17, T9S, R22E, S.L.B. & M., approximately 19 miles by road to the Northwest of the proposed location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pit will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L. M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

Enserch Exploration Incorporated  
White River Federal #1-14  
Section 14, T10S, R23E, S.L.B. & M.

9. WELL SITE LAYOUT - continued

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in a sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger alluvial deposits from Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

Enserch Exploration Incorporated  
White River Federal #1-14  
Section 14, T10S, R23E, S.L.B. & M.

11.. OTHER INFORMATION - continued

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of areas of sagebrush, rabbit brush, some grasses, and cacti as the primary flora.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B").

White River Federal #1-14 is located on the top of a small knoll on a flat area approximately 1 mile North of the White River. The ledges from the location down into the White River are extremely steep.

The majority of the drainages in the area are of a non-perennial nature and drain to the South into the White River.

The terrain in the vicinity of the location slopes to the Southwest through the location site at approximately a 5% grade.

The vegetation in the immediate area surrounding the location site is predominately sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Steve Earle  
Drilling Supervisor  
7701 North Spemmons Freeway  
Suite 800  
Dallas, Texas 75247

TELE: 214-630-8711

Enserch Exploration Incorporated  
White River Federal #1-14  
Section 14, T10S, R23E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Enserch Explortation Incorporated, and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Steve Earle  
Drilling Supervisor



U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-38427

OPERATOR: Enserch Explorations, Inc.

WELL NO. 1-14

LOCATION: SW 1/4 NE 1/4 NW 1/4 sec. 14, T. 10S, R. 23E, SLM

Uintah County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? Yes.  
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? May occur in Uinta rocks; 0-800'

3. Other probable leasable minerals? Oil Shale in Green River:

4. Are hazardous fluids or gases likely? No.

5. Are abnormal conditions of pressure or temperature likely? No.

6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? Unlikely

7. Is additional logging or sampling needed? Program through Green River Section (800-4,010')

8. References - remarks: USGS Files, Salt Lake City, Utah

Is location within 2 miles of a KGS? Within Southman KGS

Signature: Donald C. Alvord

Date: 08-24-78

Oil and Gas Drilling

EIA No. 1343 (78)

United States Department of the Interior  
Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-38427

Operator Enserch Exploration, Inc.

Well No. 1-14 White River Fed.

Location 1212' FNL & 2095' FWL SENE Sec. 14

T. 10S R. 23E

County Uintah

State Utah

Field Bonanza

Status: Surface Ownership Public

Minerals Federal

Joint Field Inspection Date August 16, 1978

Participants and Organizations:

Lynn E. Rust, E.S.

USGS, Casper, Wyoming

Jim Robbins, Minerals Spec.

BLM-Vernal, Utah

Earl Cady, Dirt Constr.

Ross Constr., Vernal, Utah

Steve Earle, Drilling Supvr.

Enserch-Dallas, Texas

Related Environmental Analyses and References:

(1)

(2)

Analysis Prepared by:

John T. Evans  
Environmental Scientist  
Salt Lake City, Utah

Date August 28, 1978

*Loc moved  
94' S & 34' E  
to 1307' FNL & 2129' FWL*

Proposed Action:

On August 17, 1978, Enserch Exploration, Inc., filed an Application for Permit to Drill the No. 1-14 White River Federal development well, an 8,000-foot gas test of the MesaVerde Formation of Cretaceous age; located at an elevation of 5,568 G.L. Ft. in the SENENW Sec. 14-T10S-R23E, SLB&M, on Federal mineral lands and BLM surface; lease No. U-38427. As an objection was raised to the wellsite, it was moved 100' <sup>South</sup> ~~220°~~ <sup>1307 ft.</sup> E to ~~100'~~. FNL # 2129 ft FWL Sec 14-10S-23E, SLB&M, Uintah Co., Utah. This did not change the ~~11 1/4~~ Coordinates nor the elevation. This was done to pull the location away from a cliff edge, thus reducing the needed fill. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The drilling operation would begin within 7 days upon approval of the APD and would be expected to last 3 weeks to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

Location and Natural Setting:

The proposed drillsite is approximately 10 miles southwest of Bonanza, Utah, the nearest town. The nearest dwellings are 10 miles northeast. A poor road runs to within 1/8 mile north of the location. A poor trail runs to the location. This well is in the eastern portion of the Bonanza field, with the nearest producing well being 3/4 miles northwest. A dry hole was drilled about 1/8 mile north of the location.

The overall topography consists of rugged canyon land. The location is flat, situated on a small bench. The soil is a clay loam with some sand. There are numerous pebbles on the surface. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. No mining of any sort is anticipated in the area. The land is used primarily for grazing. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis. The mean annual temperature of the area is 43°F. with extremes ranging from 105°F. to -30°F. The ground usually freezes to a depth of approximately 1-foot in the winter. This could lead to frost heaving and spring thaw problems with the facilities. Annual precipitation is 8 inches. Winds are strong and steady, occurring predominately from the northwest to the southeast. Air mass inversions are rare.

The area eventually drains into the White River. The nearest permanent water is a river 1-mile to the southeast. The nearest intermittent water are small canyons on either side of the location. There are no nearby water wells. The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

Vegetation consists of sagebrush, Indian ricegrass, rabbit brush, spiny tail horse brush, fourwing salt bush, halogetin and prickly pear cactus. Mammalian wildlife in the area include horses, antelope, deer, fox, coyote, rabbit, ground squirrels, small gophers, and mice. There are numerous prairie and mountain birds in the general area, including the birds of prey such as owls, Bald and Golden eagles, and various types of hawks and falcons. Snakes and small lizards are also present on a seasonal basis. There are no known endangered or threatened plant species in the area. The following endangered animal species are known to be in the general area: American Bald Eagle. There are no known threatened animal species in the area.

The inspecting archaeologist, V.G. Norman, found no sites that would conflict with the proposed operation. There are no known historical, cultural or archaeological sites in the area.

There are no national parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location. There are no state or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Effects on the Environment by the Proposed Action:

The well pad would disturb approximately 2 acres. The access road would not disturb any new ground. An estimated 7-foot cut and 7-foot fill would be necessary to level the pad area. The vegetation would be removed and minor relocation of wildlife in the immediate area, particularly small rodents, would be anticipated. If the test well results in a discovery of a gas pool, additional facilities would be needed requiring no additional surface. Construction of flowlines would disturb long, narrow strips of the surface for a short period of time.

The mud and reserve pits would contain all fluids used during the drilling operations. The potential for fluid spills, gas leaks and related accidents would be present. (Should a spill occur, prompt action should prevent any permanent erosive damages. Should a gas leak occur, the effect on the atmosphere would be extremely short-lived.) If the well should be productive, precautions would be taken against such accidents. Toxic or noxious gases would not be anticipated.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. There would be no tangible effect on water migration in fresh water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well.

Waterways would not be affected directly due to their distance from the site, about 1 mile southeast.

Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operations, the air quality would not be substantially reduced.

A trash pit would be utilized for any solid wastes generated at the site and would be hauled away to an acceptable sanitary land fill at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The site is not visible for any major roads. After drilling operations, completion equipment would be visible to passersby and inhabitants of the area but would not present a major intrusion. The site would be anomalous to the long-vista viewpoint.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possible the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The anticipated traffic would have a minimal impact on ranch traffic and vehicular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting, the only other human conflicts that would arise in normal useage of the area would be the gas operations. These would be minor, with planned precautions to limit such conflict.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state and possible national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

#### Alternatives to the Proposed Action:

1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and sub-surface would be prevented as much as possible under U.S.G.S. and BLM supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.



2. Minor relocation fo the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected.

Adverse Environmental Effects Which Cannot be Avoided:

Surface scars resulting from construction work, wellpad and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing purposes during the project's life time. Minor relocation of wildlife, notable small rodents, in the immediate area would be anticipated. Any improvement of existing roads would be a semi-permanent effect as ranch traffic would continue to utilize the access road. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards wiht ranch vehicles, though low, would be present. Noise levels would increase during construction and drilling. The potential for fluid spills, gas leaks, and related accidents would be present. If hydrocarbons are discovered and produced, further gas development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

Determination:

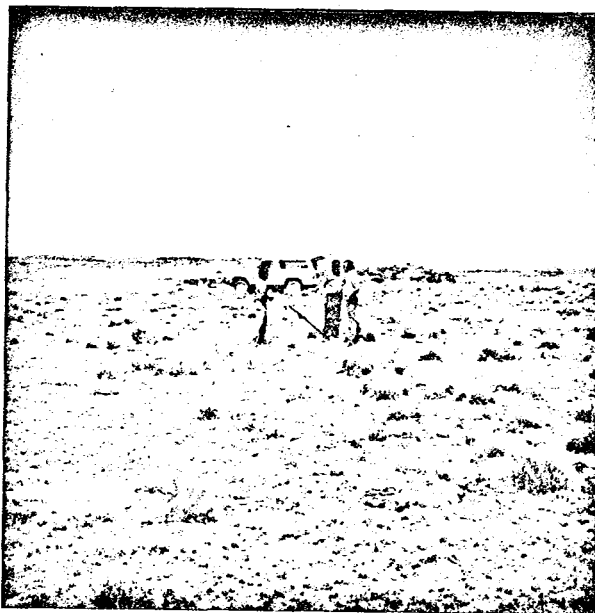
This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of NEPA, Section 102 (2) (c).



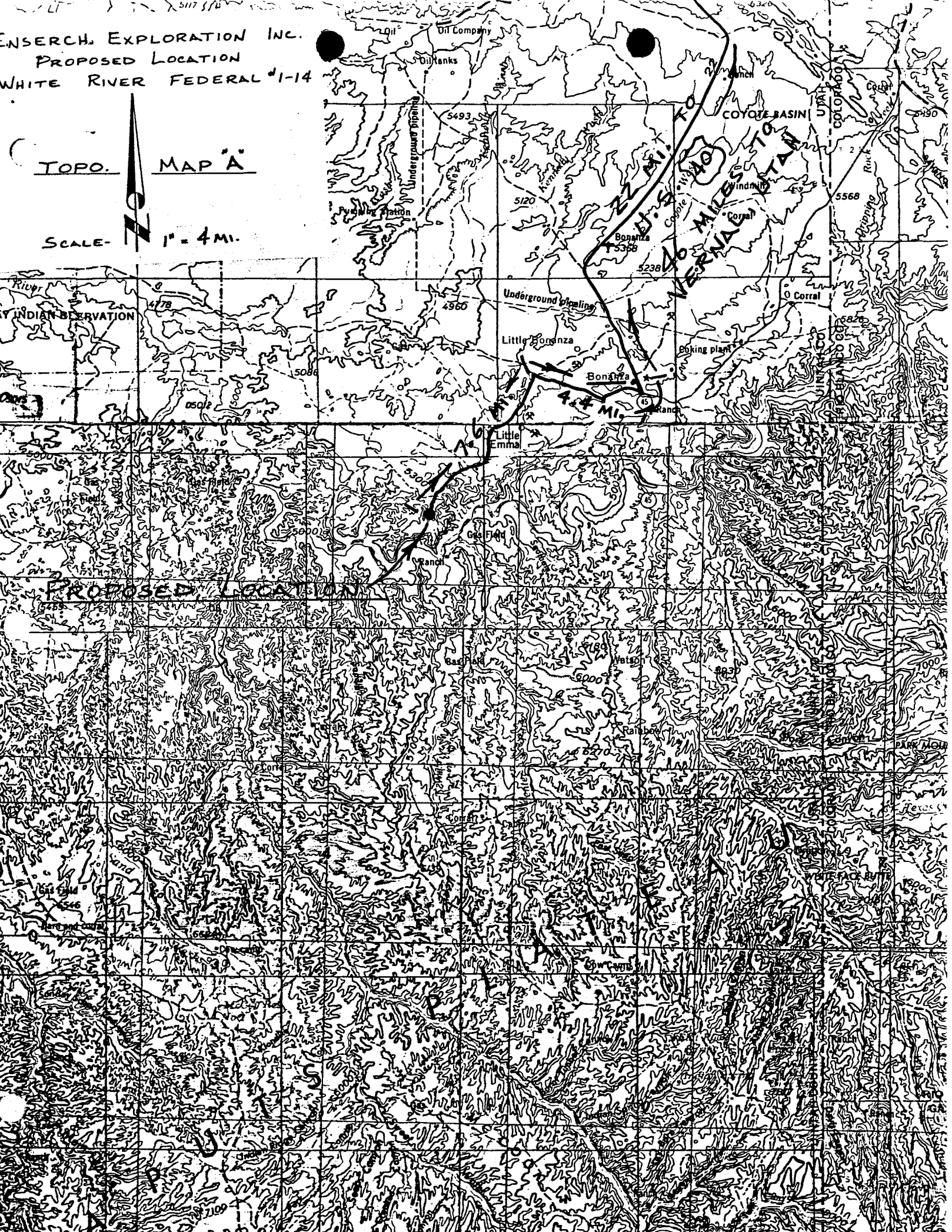
District Engineer (E.W. Guynn)  
Salt Lake City, Utah



8/16/78 SE NE NW Sec. 10 T10S R23E  
Lease #U-38428 EA#1343-78 SLB+M  
Enserch Explor., Inc. Well # 1-14 White River  
Bonanza Field Looking West Federal LR E



8/16/78 SE NE NW Sec. 14 T10S R23E  
Lease #U-38428 EA-1343-78 SLB+M  
Enserch Explor., Inc. Well # 1-14 White River  
Bonanza Field Looking North Federal LR E

$$r = 4 \text{ m.}$$


ENSERCH EXPLORATION INC.  
PROPOSED LOCATION  
WHITE RIVER FEDERAL #1-14

TOPO.

MAP "B"

SCALE-

1" = 2000'

ROAD CLASSIFICATION

Light-duty road, all weather,  
improved surface

Unimproved road, fair or dry  
weather

UTAH

EXISTING ROAD  
(TO BE RE-BUILT)

PROPOSED  
ACCESS  
ROAD

PROPOSED LOCATION

WHITE RIVER FEDERAL #1-14

EXISTING ROAD

10 MILES TO BONANZA, UTAH

0.75 MI.

1 MI.

0.25 MI.

Drill Hole

Drill Hole

Gap Well

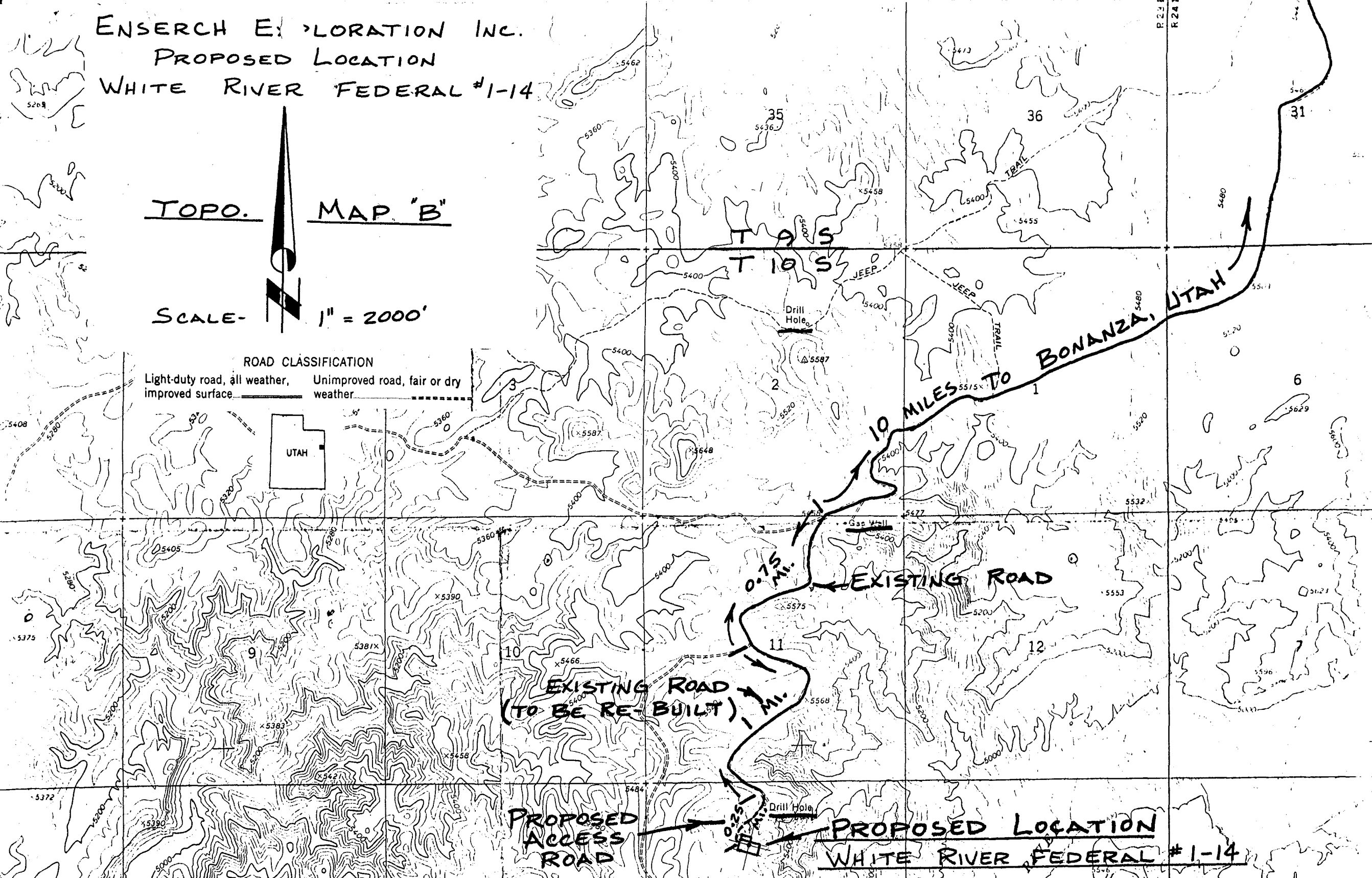
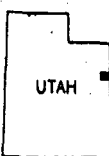
TRAIL

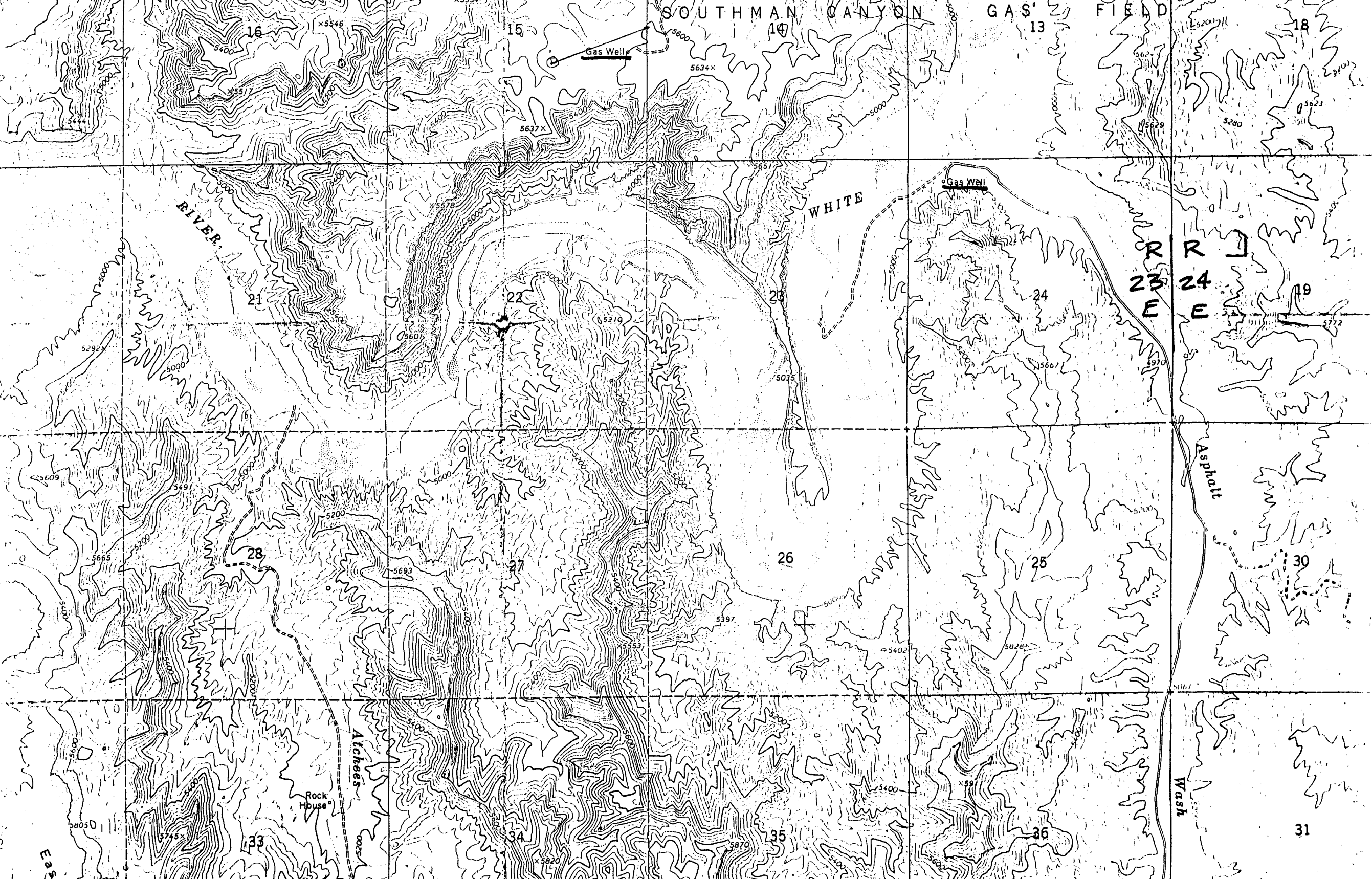
TRAIL

JEEP

JEEP

TASS  
TIO S





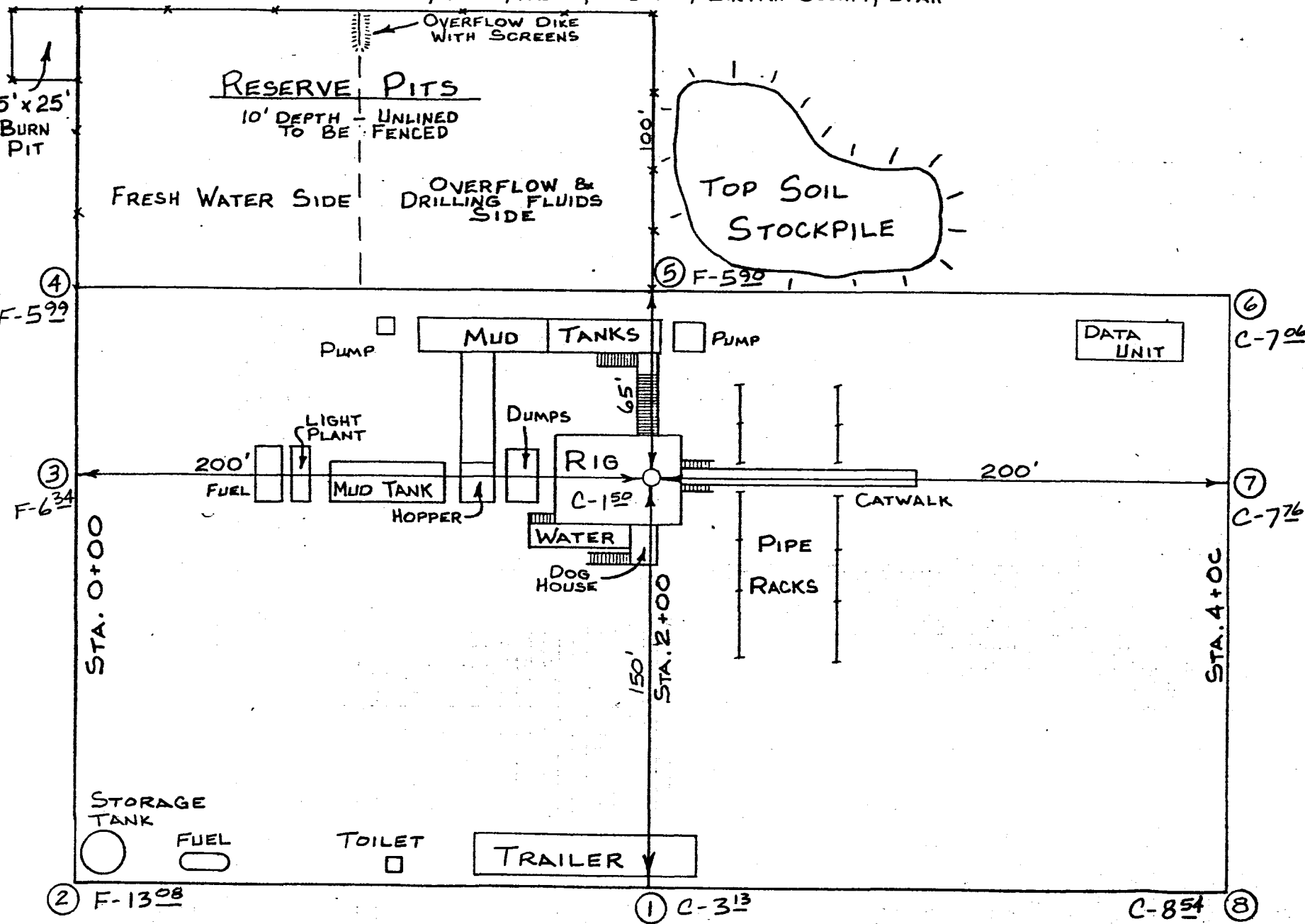
# ENSERCH EXPLORATION

LOCATION LAYOUT  
FOR

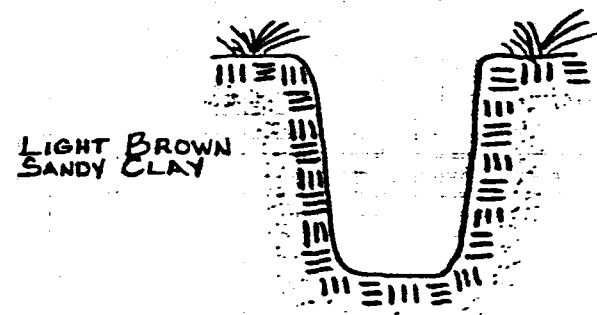
WHITE RIVER FEDERAL #1-14

LOCATED IN

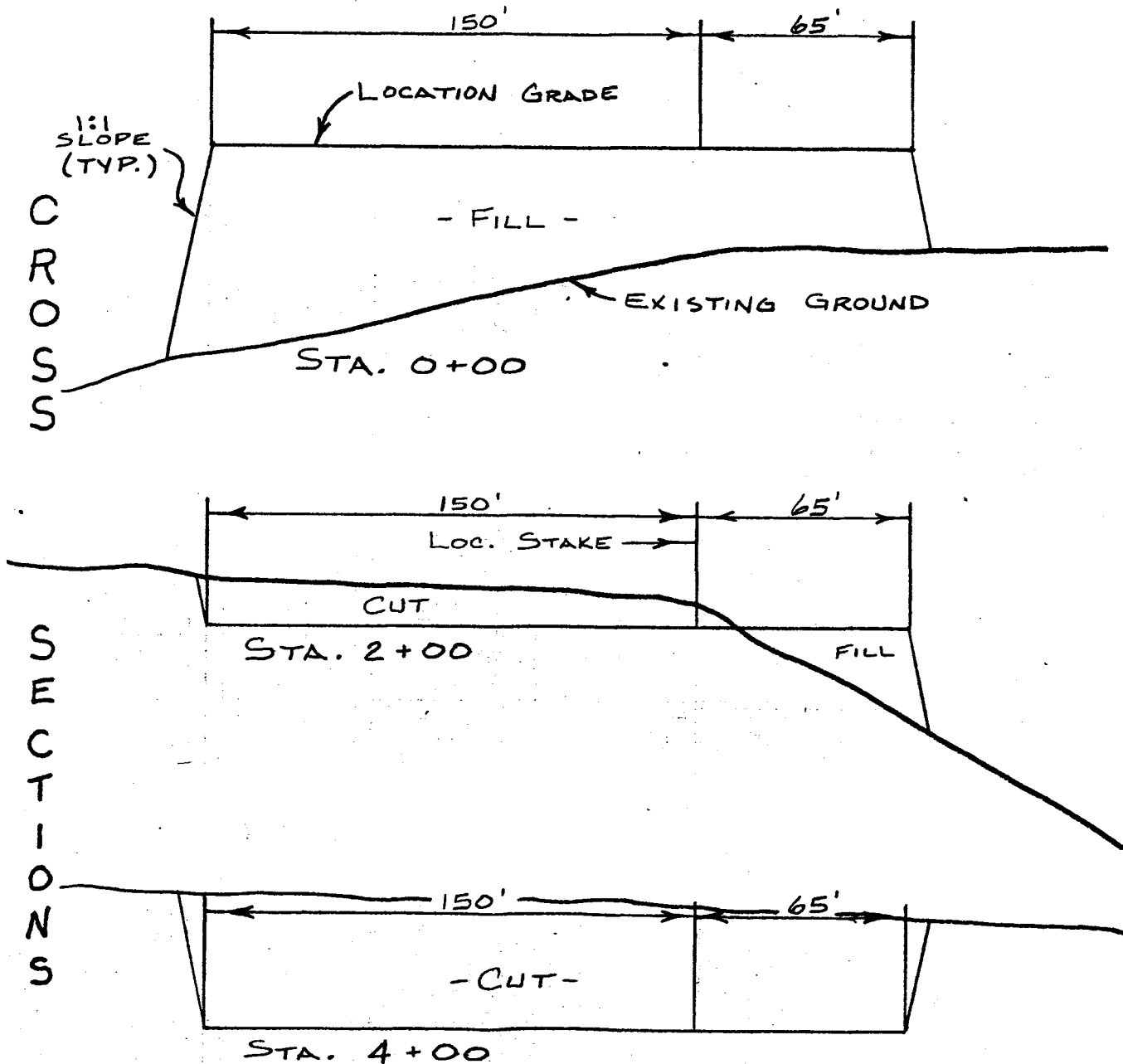
SECTION 14, T10S, R23E, SLB & M, UTAH COUNTY, UTAH



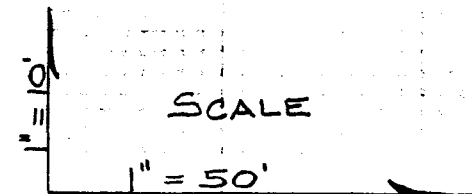
SOILS LITHOLOGY  
-NO SCALE-



SCALE - 1" = 50'



CROSS  
SECTIONS



APPROX. YARDAGES  
CUT - 9,221 CU. YDS.  
FILL - 8,556 CU. YDS.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Aug. 8-  
Operator: Cusack Exploration  
Well No: White Lake Fed. 1-14  
Location: Sec. 14 T. 10S R. 23E County: Unitah

File Prepared: ☒  
Card Indexed: ☒

Entered on N.I.D.: ☒  
Completion Sheet: ☒

API NUMBER: 43-042-30481

CHECKED BY:

Administrative Assistant AW

Remarks: Verbal approval by CS7 - 8/3/78 No other was

Petroleum Engineer p

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. ☐

Surface Casing Change ☐  
to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☒

O.K. Rule C-3 ☐

O.K. In ☐

Unit ☐

Other:

☒ Letter Written/Approved

August 9, 1978

Enserch Exploration Inc.  
Empire Central Building  
7701 No. Stemmons Freeway  
Dallas, Texas 75247

Re: Well No. White River Federal 1-14  
Sec. 14, T. 10 S, R. 23 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30481.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director



NELSON J. MARSHALL

PHONE 789-0272

GENE STEWART

PHONE 789-1795

LAWRENCE C. KAY

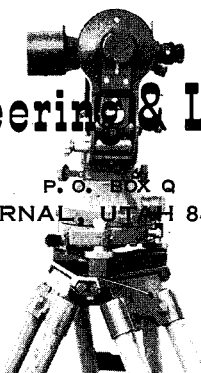
PHONE 789-1125

OFFICE LOCATION  
110 E. FIRST SOUTH

PHONE 789-1017

# Uintah Engineering & Land Surveying

P. O. BOX Q  
VERNAL, UTAH 84078



August 18, 1978

Utah State Natural Resources Department  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTN: Pat Driscoll

Dear Sir:

Due to rough terrain of location and access roads, Enserch Exploration location White River Federal #1-14, was staked the following distances from the section line 2095' FWL - 1213' FNL.

I realize this is out of the spacing pattern for this area and respectfully request an exception due to reasons given above.

Sincerely,

Steve Earle  
Drilling Supervisor  
Enserch Exploration

Gene Stewart  
Vice-President  
Uintah Engineering

GS/lm

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-38427</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Enserch Exploration, Inc.</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>7701 N. Stemmons Freeway, Suite 800, Dallas, Texas 75247</b>		8. FARM OR LEASE NAME <b>White River Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>2095' FWL &amp; 1213' FNL, Sec. 14, T10S, R23E, S.L.B. &amp; M.</b> At proposed prod. zone <b>150'</b>		9. WELL NO. <b>1-14</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11 miles Northeast to Bonanza, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Bonanza</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE <b>640</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 14, T10S, R23E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH <b>8,000'</b>	12. COUNTY OR PARISH <b>Utah</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5568' GR</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>	13. STATE <b>Utah</b>
22. APPROX. DATE WORK WILL START* <b>September 1, 1978</b>		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48.0	200	Suff. to circulate
7-7/8	4-1/2	11.6	8,000	Suff to cover prod. zone

Operator proposes to drill well to total depth of 8,000' with water and salt base mud drilling fluid to test all zones through the Mesa Verde formation. A 12" x 3000# weld on head and 12" x 3000# doublegate and spherical BOP will be installed and tested to 1000 psi. BOP will be checked daily. If the well is productive, casing will be run. If not, the well will be plugged according to USGS requirements, location will be restored as per BIM instructions and regulation dry hole marker erected.



State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. R. Knicker TITLE Drilling Superintendent DATE August 18, 1978  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY (Orig. Sgd.) E. W. Guynn TITLE DISTRICT ENGINEER DATE AUG 28 1978  
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
SUBJECT TO ROTARY (NTL-4)

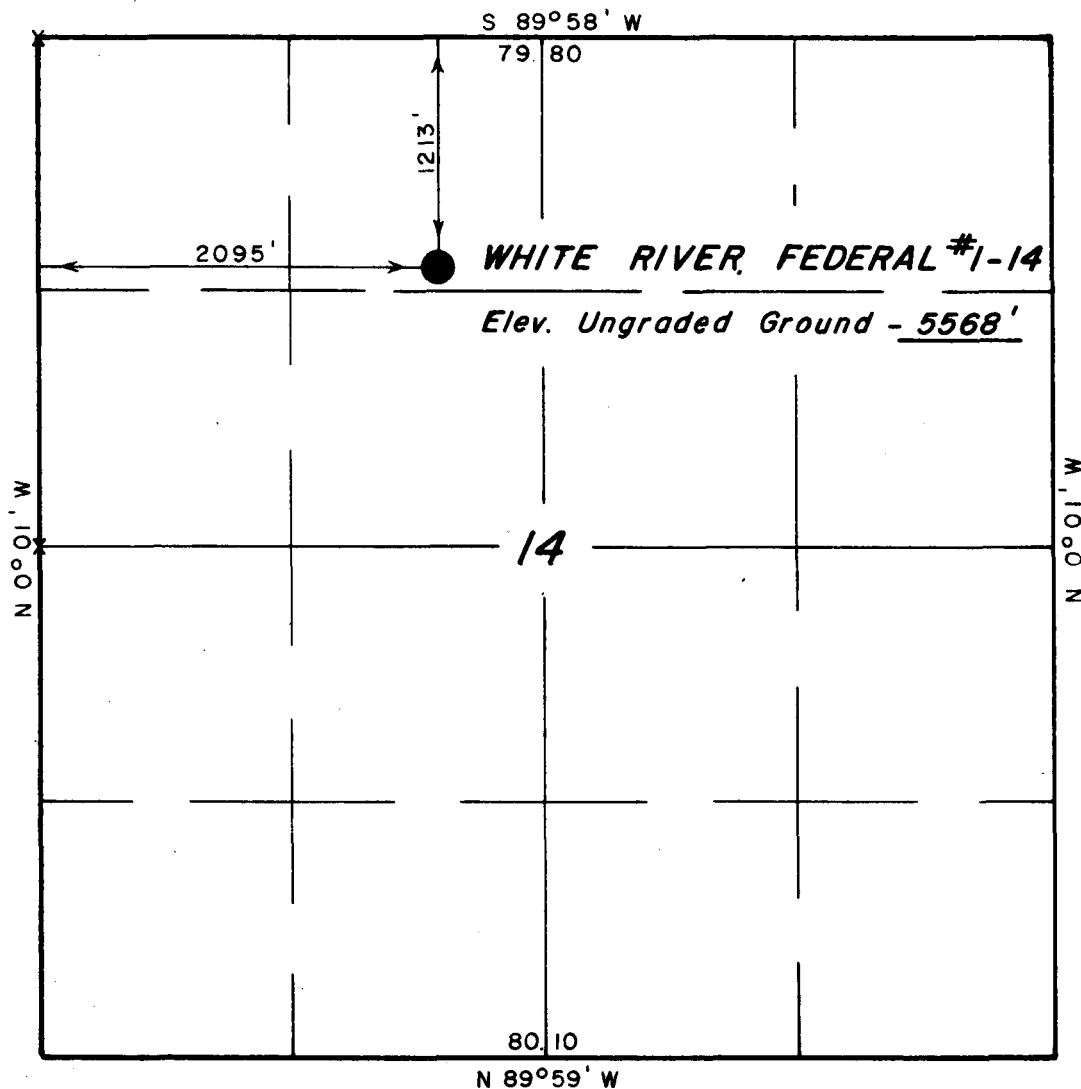
NOTICE OF APPROVAL

T 10 S, R 23 E, S.L.B. & M.

PROJECT

ENSERCH EXPLORATION INC.

Well location, *WHITE RIVER*  
FEDERAL #1-14, located as shown  
in the NE 1/4 NW 1/4 Section 14,  
T 10 S, R 23 E, S.L.B. & M. Uintah  
County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Sam Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

X = Section Corners Located

SCALE	1" = 1000'	DATE	7 / 25 / 78
PARTY	SS MW DJ	REFERENCES	GLO Plat
WEATHER	Fair	FILE	ENSERCH EXPLORATION

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42 R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

U-38427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR Enserch Exploration, Inc.	
3. ADDRESS OF OPERATOR 7701 N. Stemmons Freeway, Suite 800, Dallas, Texas 75247	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2095' FWL and 1213' FNL Section 14, T10S, R23E, SLB&M	
14. PERMIT NO. 43-047-30481	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5568' GR

7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME White River Federal	
9. WELL NO. 1-14	
10. FIELD AND POOL, OR WILDCAT Bonanza	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14, T10S, R23E, SLB&M	
12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling Operations</u>	

(Other) \_\_\_\_\_  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Presently waiting on drilling rig.

18. I hereby certify that the foregoing is true and correct

SIGNED J. R. [Signature]

TITLE Drilling Superintendent

DATE January 19, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other Instructions on reverse side)Form approved.  
Budget Bureau No. 42 R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

U-38427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a closed reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR  
7701 N. Stemmons Fwy., Suite 800, Dallas, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

2095' FWL and 1213' FNL, Section 14, T10S-R23E

14. PERMIT NO.  
43-047-30481

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5568' (GR)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

White River Federal

9. WELL NO.

1-14

10. FIELD AND POOL, OR WILDCAT

Bonanza

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 6, T10S-R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	Drilling Operations	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5/20/79 Spud 13" surface hole at 12:15 PM. Drill to 225'. Opened 13" hole with 17-1/2" hole opener to 225'. Set 13-3/8" surface casing at 222' and cemented to surface with 250 sacks of class "G" cement.

5/25/79 Start 12-1/4" hole. Drill to 2,795'. Set 8-5/8" casing at 2,794' and cement with 190 sacks RFC cement.

5/30/79 Start 7-7/8" hole. Drill to 3170'. Set cement plug. Drill out same.

6/1/79 Drilling ahead at 3170'.

6/5/79 Drilling ahead at 4,944'.

6/10/79 Drilling ahead at 6,727'.

6/15/79 Conditioning mud. Depth of hole - 7,149'.

18. I hereby certify that the foregoing is true and correct

SIGNED W. R. Hollis, Jr.TITLE Drilling EngineerDATE 6/29/79

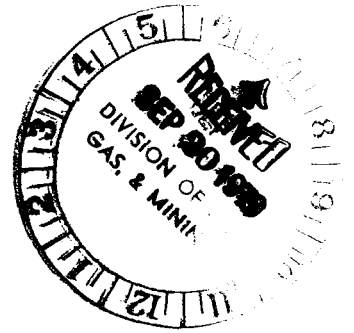
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

FILE IN QUADRUPLICATE  
FORM OGC-8-X



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: White River Federal No. 1-14  
Operator: Enserch Exploration, Inc. Address: 7701 N. Stemmons Fwy., Suite 800  
Dallas, Texas 75247  
Contractor: Colorado Well Service Address: P.O. Box 1006  
Rangely, CO 81648  
Location NE 1/4 NW 1/4; Sec. 14 T. 10 XX S, R. 23 XX E; Uintah County.

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1. <u>Drilled with weighted mud: Encountered no water</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continue on Reverse Side if Necessary)

Formation Tops:

Green River 800'  
Wasatch 4010'  
Mesa Verde 5620'  
Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

November 21, 1979

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE MCINTYRE

Enserch Exploration, Inc.  
909 S. Meridian, Suite 608  
Oklahoma City, Oklahoma 73108

Re: Well No. White River Federal 1-14  
Sec. 14, T. 10S, R. 23E,  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 9-20-79, from above referred to well indicates the following electric logs were run: DLL, CNL-FDC, GR.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Kathy Avila*

KATHY AVILA  
RECORDS CLERK

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-38427	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
		7. UNIT AGREEMENT NAME N/A	
		8. FARM OR LEASE NAME White River Federal	
		9. WELL NO. #1-14	
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14, T10S, R23E SLM	
12. COUNTY OR PARISH Uintah		13. STATE Utah	
14. PERMIT NO. 43-047-30481		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5568' GR	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Install tubing	X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other)	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Install 1" coiled tubing inside existing 2 3/8" tubing. This tubing will be a permanent part of this well and is being installed to increase the velocity of fluid movement and increase gas rate.

RECEIVED

MAR 04 1985

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Danny E. Hagins*  
Danny E. Hagins

TITLE District Production Superint. DATE 2/28/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> U-38427
2. <b>NAME OF OPERATOR</b> Enserch Exploration, Inc. (303) 831-1616		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> N/A
3. <b>ADDRESS OF OPERATOR</b> 1700 Lincoln Street, Suite 3600 Denver, Colorado 20303		7. <b>UNIT AGREEMENT NAME</b> N/A
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2095' FWL, 1213' FNL (NE/4 NW/4)		8. <b>FARM OR LEASE NAME</b> White River Federal
14. <b>PERMIT NO.</b> 43-047-03481		9. <b>WELL NO.</b> #1-14
15. <b>ELEVATIONS</b> (Show whether OF, RT, GR, etc.) 5568' GR		10. <b>FIELD AND POOL, OR WILDCAT</b> Bonanza Area
		11. <b>SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 14, T10S, R23E SLM
		12. <b>COUNTY OR PARISH</b> Uintah
		13. <b>STATE</b> Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Progress Report ☒

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

RU Nowsco on 3/23/85. Installed 1" coiled tbg. inside 2 3/8" tbg.

Put well on production 3/23/85

RECEIVED

APR 18 1985

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Danny E. Hagins*

TITLE Dist. Prod. Superintendent

DATE 4/15/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SEE IN TRIPLICATE\*  
(For instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-38427
2. NAME OF OPERATOR Enserch Exploration, Inc. EP Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2095' FWL, 1213' FNL (NE/4 NW/4)		8. FARM OR LEASE NAME White River Federal
14. PERMIT NO. 43-047-30481		9. WELL NO. #1-14
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5568' GR		10. FIELD AND POOL, OR WILDCAT Bonanza Area
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T10S, R23E SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Company Name Change	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A new master limited partnership has been formed by Enserch Corporation to carry on all of the oil and gas operations previously conducted for Enserch Exploration, Inc. EP Operating Company, a Texas limited partnership, has been assigned record ownership of all properties previously operated by Enserch Exploration, Inc., and will be the new Operator of these properties effective May 1, 1985

18. I hereby certify that the foregoing is true and correct

SIGNED

Danny E. Hagins  
Danny E. Hagins

TITLE

District Prod. Supt.  
New Enserch Expl., Inc.  
Managing General Partner

DATE 5/7/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-38427

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

White River Federal

9. WELL NO.

1-14

10. FIELD AND POOL, OR WILDCAT

Natural Buttes (Bonanza)

11. SEC., T., E., M., OR BLK. AND  
SURVEY OR AREA

Sec. 14, T10S, R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

DEC 18 1989

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

EP Operating Company

3. ADDRESS OF OPERATOR

ClayDesta National Bank Bldg. Suite 5250 Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)

At surface

2095' FWL, 1213' FNL (NE/4 NW/4)

14. PERMIT NO.

43-047-30481

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5568' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Resume Production

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Production was resumed on 12/12/89

OIL AND GAS	
DRN	DEF
JRB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

S. D. Reed  
S. D. Reed

TITLE Production Superintendent

DATE 12/12/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____								
2. NAME OF OPERATOR ENSERCH EXPLORATION, INC.						5. LEASE DESIGNATION AND SERIAL NO. U-38427									
3. ADDRESS OF OPERATOR 909 S. MERIDIAN, SUITE 608, OKLAHOMA CITY, OKLAHOMA 73108						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1307' FNL & 2095' FWL SEC 14-T10S-R23E At top prod. interval reported below NENW At total depth						7. UNIT AGREEMENT NAME									
14. PERMIT NO. 43-047-30481						8. FARM OR LEASE NAME WHITE RIVER FEDERAL									
DATE ISSUED						9. WELL NO. 1-14									
15. DATE SPUDDED 5/20/79						10. FIELD AND POOL, OR WILDCAT BONANZA									
16. DATE T.D. REACHED 6-22-79						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 14-T10S-R23E									
17. DATE COMPL. (Ready to prod.) 10-20-79						12. COUNTY OR PARISH UINTAH									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 5568						13. STATE UTAH									
20. TOTAL DEPTH, MD & TVD 8205						19. ELEV. CASINGHEAD 5568 GL									
21. PLUG BACK T.D., MD & TVD 8214						23. INTERVALS DRILLED BY ROTARY TOOLS 0-8205 CABLE TOOLS									
22. IF MULTIPLE COMPL., HOW MANY*						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* MESA VERDE 6456' - 7929'									
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL-FDC, GR						25. WAS DIRECTIONAL SURVEY MADE NO									
27. WAS WELL CORRED NO															
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8"		48#		222'		17 1/2"		2504 SX CLASS G. CEMENT		NONE					
8 5/8"		24#		2794'		12 1/4"		190 SX RFC CEMENT		NONE					
4 1/2"		11.6#		8202'		7 7/8"		1066 SX RFC CEMENT		NONE					
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8"		6382'		NONE	
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
								6456' - 7929'		FRAC 260000 GALS VERSAGEL					
										480,000# 20/40 SAND					
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
10-19-79		FLOW						SHUT-IN							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
10-20-79		22		30/64		→		200		2,300 MCF		347			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
1200 PSI		1700		→		200		2,300		540					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY			
VENTED WHILE CLEANING UP AND TESTING															
35. LIST OF ATTACHMENTS															
WELL PRESENTLY SHUT IN WAITING ON PIPELINE															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED _____				TITLE PRODUCTION SUPTD.				DATE _____							

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
GREEN RIVER	SURFACE	3950	
WASATCH	3950	5578	DISCONTINUOUS FLUVIAL SANDSTONES
MESA VERDE	5578	8000	AND SILTSTONES
BUCKTONGUE	8000	8076	SHALE
CASTLEGATE	8076	8204	SANDSTONE WITH INTERBEDDED SHALES

### 38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
SEE #37		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

EP Operating Company L.P.

3. Address and Telephone No.

6 Desta Drive, Suite 5250, Midland, Texas 79705-5510

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2095' FWL, 1213' FNL (N/4 NW/4)  
Sec. 14, T10S, R23E

43-047-30481 PGW

5. Lease Designation and Serial No.

U-38427

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

White River Fed #1-14

9. API Well No.

10. Field and Pool, or Exploratory Area

Natural Buttes (Bonanza)

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Resume Production

(Note: Report results of multiple completion on Well Completion or  
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This subject well resumed production 11/14/90.

14. I hereby certify that the foregoing is true and correct

Signed A. J. [Signature]

Title Production Superintendent

Date 11/27/90

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

6. Lease Designation and Serial Number

U-38427

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

White River Fed. #1-14

10. API Well Number

43-047-30481

11. Field and Pool, or Wildcat

Natural Buttes Bonanza

1. Type of Well

☐ Oil Well    ☒ Gas Well    ☐ Other (specify)

2. Name of Operator

EP Operating Company, L.P.

3. Address of Operator

6 Desta Dr., Ste. 5250, Midland, TX 79705-5510

4. Telephone Number

(915) 682-9756

5. Location of Well

Footage : 2129' FWL, 1307' FNL

QQ, Sec. T., R., M. : NE NW, Sec. 14, T10S, R23E

County : Uintah

State : UTAH

#### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

##### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

##### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                         | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                         | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                       | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Annual Status Report |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well has been temporarily shut in due to low gas market prices. Said well will be returned to production as soon as gas prices become economical.

**RECEIVED**

FEB 03 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name &amp; Signature

*A. D. Reed*

- S. D. Reed

Title

Prod. Supt.

Date

1/31/92

(State Use Only)

**ENSERCH  
EXPLORATION** INC.

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214-369-7893

Edward L. Johnson  
Director  
Land Operations  
Gulf Coast Region

December 2, 1992

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**

DEC 07 1992

DIVISION OF  
OIL GAS & MINING

ATTENTION: Mr. R. J. Firth

Re: Change of Operator (Form 9)  
Unitah & Duchesne Counties, Utah

Dear Mr. Firth:

Enclosed please find twenty-six (26) Form 9s transferring operations from EP Operating Company to Phoenix Hydrocarbons Operating Corp. If you have any questions regarding the above, please call me at (214) 987-6442.

Yours truly,

  
Dean Edzards

DE:ks  
Enclosure

c: Mr. Randy Bailey  
P. O. Box 2802  
Midland, Texas 79702



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals		6. Lease Designation and Serial Number U-38427
		7. Indian Allottee or Tribe Name N/A
		8. Unit or Communitization Agreement N/A
		9. Well Name and Number White River Fed. #1-14
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		10. API Well Number 4304730481
2. Name of Operator EP Operating Company		11. Field and Pool, or Wildcat Natural Buttes (Bonanza)
3. Address of Operator 6 Desta Drive, #5250, Midland, TX 79705-5510	4. Telephone Number 915-682-9756	
5. Location of Well Footage : 2,095' FWL, 1,213' FNL (NE/4 NW/4)      County : Uintah QQ, Sec. T., R., M. : Section 14, T10S, R23E      State : UTAH		
<b>12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>NOTICE OF INTENT</b> (Submit in Duplicate)		<b>SUBSEQUENT REPORT</b> (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other <u>Change of Operator</u>		<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____
Approximate Date Work Will Start _____		Date of Work Completion _____  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
P. O. Box 2802  
Midland, Texas 79702  
915-682-1186

Effective: September 1, 1992

RECEIVED

DEC 07 1992

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

*Byron W. James*  
Byron W. James

Title

Landman

Date

11/23/92

(State Use Only)

# Phoenix Hydrocarbons Operating Corp.

January 5, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Romero

RE: Sundry Notices  
Enserch Exploration Inc. Acquisition

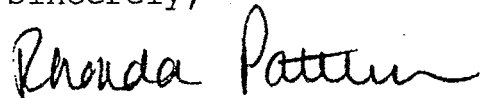
Dear Lisha:

Enclosed you will find the subject Sundry Notices. As per our telephone conversation in early December, we have signed a copy of the original notices which were filed by Enserch Exploration Inc. at the end of November.

In regards to the BLM notices, I am currently working with Enserch Exploration Inc. to get these filed.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

**RECEIVED**

JAN 13 1993

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals

6. Lease Designation and Serial Number

U-38427

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

1. Type of Well

☐ Oil Well    ☒ Gas Well    ☐ Other (specify)

2. Name of Operator

EP Operating Company

3. Address of Operator

6 Desta Drive, #5250, Midland, TX 79705-5510

4. Telephone Number

915-682-9756

9. Well Name and Number

White River Fed. #1-14

10. API Well Number

4304730481

11. Field and Pool, or Wildcat

Natural Buttes (Bonanza)

5. Location of Well

Footage : 2,095' FWL, 1,213' FNL (NE/4 NW/4)

County : Uintah

QQ, Sec. T., R. M. : Section 14, T10S, R23E

State : UTAH

## 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                        | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Approximate Date Work Will Start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from EP Operating Company:

Phoenix Hydrocarbons Operating Corp.  
P. O. Box 2802  
Midland, Texas 79702  
915-682-1186

Effective: September 1, 1992

RECEIVED

JAN 13 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name &amp; Signature

(State Use Only)

Byron W. James

Title

Landman

Date

11/23/92

PHOENIX HYDROCARBONS OPERATING CORP. NAME &amp; SIGNATURE

TITLE/DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Phoenix Hydrocarbons Operating Corp.**

3. Address and Telephone No.

**415 West Wall, #703 Midland, TX 79701 (915)682-1186**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**WEPD Sec 14, T10S, R23E**

5. Lease Designation and Serial No.

**U-38427**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**White River Fed #1-14**

9. API Well No.

**43-047-30481**

10. Field and Pool, or Exploratory Area

**Natural Buttes (Bonanza)**

11. County or Parish, State

**Uintah, UT**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

**change of Operator**

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 1, 1992, Phoenix Hydrocarbons Operating Corp. became the Operator of the above named well from EP Operating Company. Reporting responsibilities transferred hands December 1, 1992.

**RECEIVED**

**MAR 11 1993**

**DIVISION OF  
OIL GAS & MINING**

VERNAL DIST.
NO. 227218-8
GEOL. _____
E.S. _____
PET. _____
A.M. _____

**RECEIVED**

**FEB 08 1993**

14. I hereby certify that the foregoing is true and correct

Signed \_\_\_\_\_

Title

**President**

Date

**2/4/93**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

**ASSISTANT DISTRICT  
MANAGER MINERALS**

Date

**MAR 8 1993**

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

1-EEC	<input checked="" type="checkbox"/>
2-DTS 7-LEC	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJF	<input checked="" type="checkbox"/>
5-RWM	<input checked="" type="checkbox"/>
6-ADA	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-92)

TO (new operator) PHOENIX HYDRO OPER CORP  
(address) PO BOX 2802  
MIDLAND TX 79702  
RHONDA PATTERSON  
phone (915 ) 682-1186  
account no. N 9880

FROM (former operator) EP OPERATING CO. LP  
(address) 6 DESTA DRIVE #5250  
MIDLAND TX 79705-5510  
BYRON JAMES, LANDMAN  
phone (915 ) 682-9756  
account no. N 0400

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 12-7-92)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 12-14-92) (Rec'd 1-13-93)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-15-93)
6. Cardex file has been updated for each well listed above. (3-15-93)
7. Well file labels have been updated for each well listed above. (3-15-93)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-15-93)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 3/16/93 1993. If yes, division response was made by letter dated 3/16/93 1993.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 3/16/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.  
3/16/93 to Ed Bonner

## MICROFILMING

1. All attachments to this form have been microfilmed. Date: March 25 1993.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

930308 Btm/Vernal Approved. (Remaining wells involved in C.A.'s E units will be handled on a separate change. 7 Involves 7 wells.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RHONDA PATTERSON  
PHOENIX HYDRO OPER CORP  
PO BOX 2802  
MIDLAND TX 79702

UTAH ACCOUNT NUMBER: N9880REPORT PERIOD (MONTH/YEAR): 12 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
NO NAME CANYON 2-9								
✓ 4304731504	01468	10S 23E 9	MVRD			- U-37355		
SHEEPHERDER 1-10								
✓ 4304730559	01470	10S 23E 10	MVRD			- U-38261	CR-5 (separate chg)	
JACK RABBIT 1-11								
✓ 4304730423	01475	10S 23E 11	MVRD			- U-38424	CR-23/Bhm Appv. 2-14-94	
NSO FEDERAL 1-12								
✓ 4304730560	01480	10S 23E 12	MVRD			- U-38423	CR-22/Bhm Appv. 2-14-94	
CANYON VIEW 1-18								
✓ 4304730379	01485	10S 23E 18	MVRD			- U-38421		
SAGE HEN 1-6								
✓ 4304730382	01490	10S 23E 6	MVRD			- <del>ML-22186A</del>	U-38419	CR-3 (separate chg)
WYKOUT POINT 1-16								
✓ 4304730544	01495	10S 23E 16	MVRD			- ML-22186A		
WHITE RIVER 1-14								
✓ 4304730481	01500	10S 23E 14	MVRD			- U-38427		
FLAT MESA 1-7								
✓ 4304730365	01505	10S 23E 7	MVRD			- U-38420		
FLAT MESA 2-7								
✓ 4304730545	01506	10S 23E 7	MVRD			- U-38420		
PETE'S FLAT 1-1								
✓ 4304730558	01510	10S 23E 1	MVRD			- U-40736		
MONUMENT BUTTE 1-3								
✓ 4301330642	01515	09S 17E 3	GRRV			- U-44004		
MONUMENT BUTTE 2-3								
✓ 4301330810	01521	09S 17E 3	GRRV			- U-44004		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

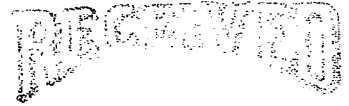
Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**SNYDER OIL CORPORATION**

1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Phone 303-592-8579



FEB 07 1994

DIVISION OF  
OIL, GAS & MINING

January 13, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator  
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven G. Van Hook". The signature is fluid and cursive, with a large, stylized "S" at the beginning.

Steven G. Van Hook  
Attorney-in-Fact

Enclosures



**INTEROFFICE COMMUNICATION**  
**SNYDER OIL CORPORATION**

TO: George Rooney  
FROM: Steve Van Hook *SVH*  
DATE: January 17, 1994  
RE: Phoenix Acquisition  
Transfer of Operator Forms

**RECEIVED**

FEB 07 1994

DIVISION OF  
OIL, GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

*CBK  
Needs  
Copies*

① Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.

② Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.

3. For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:

McLish #1, 2, 3, 4  
Pan Am #2  
Walker Hollow U6, J8

4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3  
Canyon View 1-18  
Crooked Canyon 1-17  
Federal 11-1-M  
Madeline 4-3-C  
Coors 1-14-D  
Baser 5-1

No Name 2-9, 1-9  
Willow Creek #2  
Flat Mesa 2-7  
Flat Mesa 1-7  
Gusher 15-1-A  
Southman Canyon 4-5, 4-4, 1-5  
Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms  
January 17, 1994  
Page 2

Wolf Govt. Federal #1  
Monument Butte 2-3  
Pete's Flat Federal 1-1  
Willow Creek #1  
Cliff Edge Fed 1-15  
E. Gusher No. 3  
Lizzard Creek 1-10  
Federal 3-15  
Monument Butte 1-3

Federal Miller 1  
Sage Brush 1-8  
Bitter Creek Federal 1-3  
White River 1-14  
Southman Canyon SWD #3  
Federal 2-10 HB  
Horseshoe Bend 2  
Natural 1-7 (Love Unit)

Please advise should any questions arise.

SVH/lk

Attachments



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799



IN REPLY REFER TO:  
3162.3  
UT08438

February 17, 1994

Snyder Oil Corporation  
Attn: Mr. Steven C. Van Hook  
1625 Broadway, Suite #2200  
Denver, CO 80202

Re: Well: White River 1-14  
NENW, Sec. 14, T10S, R23E  
Lease U - 38427  
Uintah County, Utah

Dear Mr. Van Hook:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Snyder Oil Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY2272, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801)789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-38427

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

White River 1-14

9. API Well No.

43-047-30481

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Snyder Oil Corporation

3. Address and Telephone No.

1625 Broadway, #2200, Denver, CO 80202 (303)592-8500

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 14, T-10-S, R-23-E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

Change Of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 1994, Snyder Oil Corporation will become the operator of the referenced well from Phoenix Hydrocarbons Operating Corp.

Snyder Oil Corporation is covered under Federal Bond #579354 (Gulf Insurance Company) and Utah State Bond #582488.

FEB 22 1994

14. I hereby certify that the foregoing is true and correct

Signed

Title

Attorney-in-Fact

Date

1/14/94

(This space for Federal use only)

HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT  
MANAGER MINERALS

Date

FEB 17 1994

Approved by

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-38427

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

White River 1-14

9. API Well No.

43-047-30481

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Utah Co., UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phoenix Hydrocarbons Operating Corp.

3. Address and Telephone No.

415 West Wall, #703 Midland, TX 79701 915-682-1186

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 14, T-10-S, R-23 E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

**Change of Operator**

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective January 1, 1994, Snyder Oil Corporation  
will become the Operator of the above referenced  
well.

FEB 22 1994

14. I hereby certify that the foregoing is true and correct

Signed

Title

President

Date

1/17/94

(This space for Federal or State office use)

Approved by

[s] HOWARD B. CLEAVINGER II Title

Conditions of approval, if any:

ASSISTANT DISTRICT  
MANAGER MINERALS

Date

FEB 17 1994

## Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

FEB 28 1994

Attention: Lisha Cordova

RE: Change Of Operator  
Sundry Notices

Dear Lisha:

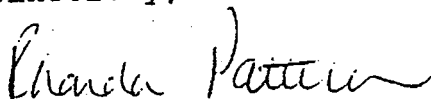
Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transfered.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note 7671		Date	# of pages 3
To Lisha	From Carolyn Brockman	Co.	
Co./Dept.		Phone #	
Phone #		Fax #	
Fax #			

# UINTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31884	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31345	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Parlette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0138484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt # 1	UTU076939	43-047-16809	SEC 6, T-7-S, R-22-E
McLish #1 (Walker-Hollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walker-Hollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walker-Hollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walker-Hollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pan American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31092	SEC 8, T-7-S, R-23-E
Baser 6-1	UTU076939	43-047-31833	SEC 6, T-7-S, R-22-E
Baser 6-1	UTU076939	43-047-31834	SEC 6, T-7-S, R-22-E
Baser 6-2	UTU076939	43-047-31859	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30856	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30633	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU68097	43-047-31900	SEC 16, T-8-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42469	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64378	43-047-32333	SEC 11, T-6-S, R-20-E
Fiat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Fiat Mesa 2-7	U-38420	43-047-30546	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 6, T-11-S, R-20-E
No Name Canyon 1-9	U-37355	43-047-30378	SEC 9, T-10-S, R-23-E
No Name Canyon 2-9	U-37355	43-047-31604	SEC 9, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-36213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30392	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16880	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38426	43-047-30423	SEC 11, T-10-S, R-23-E
Cliff Edge 1-16	U-38427	43-047-30462	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30524	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Pete's Flat Fed 1-1	U-40736	43-047-30558	SEC 1, T-10-S, R-23-E
Shepherdier Fed 1-10	U-38261	43-047-30559	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30560	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31776	SEC 27, T-11-S, R-20-E
East Bench #1	U-25880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-25880	43-047-31475	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-8346	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-16	U-38428	43-047-31278	SEC 16, T-10-S, R-23-E
Larkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30706	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30817	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30838	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30640	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (AKA)	U-0142176	43-047-16800	SEC 3, T-7-S, R-21-E

## DUCHESNE COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>DOC/CHG</del>
2- <del>DTA 57-SJ</del>
3- <del>VLC 8-FILE</del>
4- <del>RJE</del>
5- <del>DOC</del>
6- <del>PL</del>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-01-94)

TO (new operator) SNYDER OIL CORPORATION  
 (address) PO BOX 129  
BAGGS WY 82321  
KATHY STAMAN  
 phone (307) 383-2800  
 account no. N 1305

FROM (former operator) PHOENIX HYDRO OPER CORP  
 (address) PO BOX 2802  
MIDLAND TX 79702  
RHONDA PATTERSON  
 phone (915) 682-1186  
 account no. N 9880

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>047-30481</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*Rec'd 2-28-94*)
- Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 2-7-94*)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*2-28-94*)
- Lec 6. Cardex file has been updated for each well listed above. (*2-28-94*)
- Lec 7. Well file labels have been updated for each well listed above. (*3-2-94*)
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*2-28-94*)
- Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

Sec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

Sec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *(In progress / Phoenix's IDLOC #m416415/80,000 not to be released until replaced / \* Both operators aware)*

   2. A copy of this form has been placed in the *\* Upon compl. of routing.* new and former operators' bond files.

Sec 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date February 28, 1994. If yes, division response was made by letter dated                      19  .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any *OCs* person with an interest in such lease of the change of operator. Documentation of such *3/10/94* notification has been requested.

N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

✓ 1. All attachments to this form have been microfilmed. Date: March 18 1994.

## FILING

✓ 1. Copies of all attachments to this form have been filed in each well file.

✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

940228 Partial change only. (see separate change)



Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

Gentlemen:

Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec  
Senior Clerk

2.5' Berm

GAS SALES

DEHY  
w/ gas meter

45

30

210 BBL  
W/T

W

HEATER

SEPARATOR

3' Berm

30

210 BBL  
S/T

D

F

S

TL

25

WHITE RIVER FED 1-14

N



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION  
P.O. BOX 695  
VERNAL, UT 84078

42-047-20481

Snyder Oil Corporation

WHITE RIVER FED 1-14  
NENW SEC 14 T10S R23E  
UINTAH COUNTY, UT  
Lease # U38427

Prepared By: JT 7/27/95  
Revised By: KR 1/15/96

BUYS & ASSOCIATES, INC.  
Environmental Consultants

# SNYDER OIL CORPORATION

## VALVING DETAIL

(Site Security Diagram Attachment)

### Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

### Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

\*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

**SOCO**  
Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

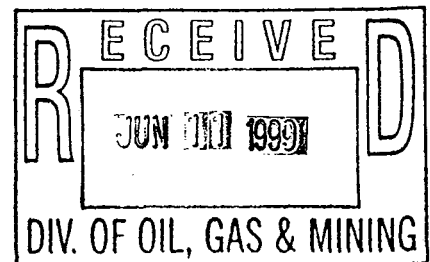
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203


RE: \$80,000 Surety Blanket P & A Bond #JZ7777

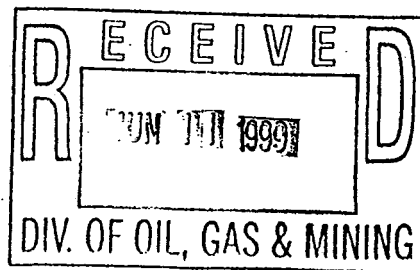
Dear Sir or Madam:

Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,

  
Phillip W. Bode



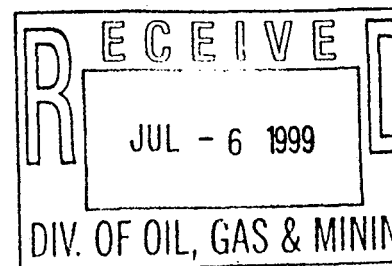
Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation  
840 Gessner, Suite 1400  
Houston, TX 77024

: Oil and Gas  
:  
:

### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

**Christopher J. Merritt**

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc:

All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well

☐ Gas Well

☐ Other

See Attached List

2. Name of Operator

**Santa Fe Snyder Corporation**

Attn.: Phyllis Sobotik

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

**303-592-8668**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

Change of Operator

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

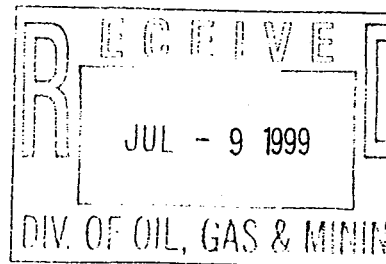
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

*Phyllis Sobotik*

Title

**Sr. Regulatory Specialist**

Date

**01-Jul-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

## CERTIFICATE OF MERGER

Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

## Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

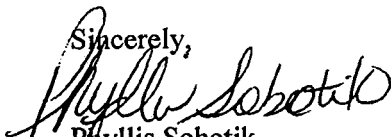
Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200  
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

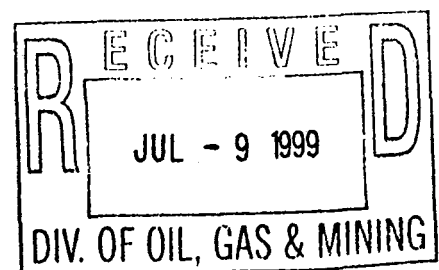
Sincerely,

  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps

Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



# SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

# SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

**SANTA FE LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

# **Santa Fe Snyder Corporation**

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

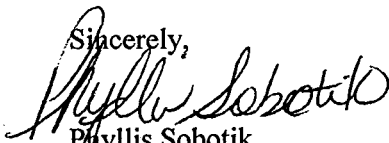
Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

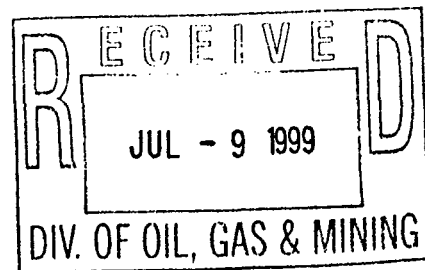
1625 Broadway, Suite 2200  
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

Sincerely,  
  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps  
Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99



## **CERTIFICATE OF MERGER**

**Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks

Name: David L. Hicks

Title: Vice President — Law and  
General Counsel

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☐Oil  
Well☐Gas  
Well☐

Other

See Attached List

## 2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

## 3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

## 5. Lease Designation and Serial No.

See Attached List

## 6. If Indian, Allottee or Tribe Name

See Attached List

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

See Attached List

## 9. API Well No.

See Attached List

## 10. Field and Pool, or Exploratory Area

See Attached List

## 11. County or Parish, State

See Attached List

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒Other Change of Operator☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

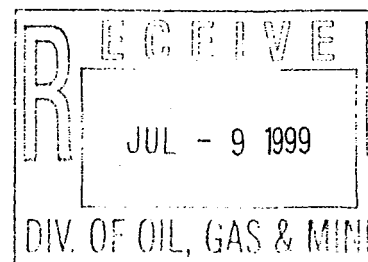
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



## 14. I hereby certify that the foregoing is true and correct

Signed

Title

Sr. Regulatory Specialist

Date

01-Jul-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ State #16-1-O			Monument Butte (Castle Peak)	INA	Duchesne	SW/SE	16	9S	16E	ML 16532	STATE	43-013-31022	10200
✓ State #16-2-N			Monument Butte (Castle Peak)	ACT	Duchesne	SE/SW	16	9S	16E	ML 16532	STATE	43-013-31094	10199
✓ Stirrup #32-1J			Horseshoe Bend	ACT	Uintah	NW/SE	32	6S	21E	ML 40226	STATE	43-047-31646	9614
Stirrup Federal #29-2			Horseshoe Bend	INA	Uintah	NW/SE	29	6S	21E	U 46699	FED	43-047-31508	11055
Stirrup Federal #29-3	Horseshoe Bend		Horseshoe Bend	INA	Uintah	SE/SE	29	6S	21E	U 46699	FED	43-047-31634	12323
✓ Stirrup State 32-1	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NE	32	6S	21E	ML 22036	STATE	43-047-31557	12323
✓ Stirrup State #32-2	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	SE/NE	32	6S	21E	ML 22036	STATE	43-047-31626	12323
✓ Stirrup State #32-6	Horseshoe Bend		Horseshoe Bend	WIW	Uintah	NE/NE	32	6S	21E	ML 22036	STATE	43-047-32784	Injector 12323
UTD Chasel #24-14			Eight Mile Flat North (Monument Butte)	INA	Uintah	SE/SW	24	9S	18E	U 67549	FED	43-047-32566	11798
UTD Kidd #20-16			Eight Mile Flat North (Monument Butte)	ACT	Uintah	SE/SE	20	9S	18E	U 67178	FED	43-047-32568	11727
Ute Tribal #13-1		Ute	Leland Bench	ACT	Uintah	NE/NE	13	4S	1E	14-20-H62-4376	FED	43-047-31846	10931
Ute Tribal #15-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/SW	15	4S	1E	14-20-H62-4527	FED IND	43-047-31936	11218
Ute Tribal #16-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/SE	16	4S	11	14-20-H62-4526	FED IND	43-047-31933	11219
Ute Tribal #21-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-31821	10818
Ute Tribal #21-W-1 (Wtr Supply)		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND		On same pad w/21-1
Ute Tribal #21-2H		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/NE	22	4S	1E	14-20-H62-4418	FED IND	43-047-32570	11725
Ute Tribal #21-3B		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32571	11770
Ute Tribal #21-4G		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32664	11766
Ute Tribal #21-5C		Ute	Windy Ridge West (Leland Bench)	TAD	Uintah	NE/NW	21	4S	1E	14-20-H62-4418	FED IND	43-047-32690	11860
Ute Tribal #22-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-31934	11220
Ute Tribal #22-2		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-32097	11343
Ute Tribal #22-4I		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/SE	22	4S	1E	14-20-H62-4528	FED IND	43-047-32572	11748
Ute Tribal #23-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/SE	23	4S	1E	14-20-H62-4529	FED IND	43-047-31935	12010
Ute Tribal #25-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/NW	25	4S	1E	14-20-H62-4417	FED IND	43-047-31848	12010
Ute Tribal #25-F	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NW	25	4S	1E	14-20-H62-4823	FED IND	43-047-32809	12010
Ute Tribal #26-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-31822	Injector 12010
Ute Tribal #26-1C	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NE/NE	26	4S	1E	U 35A	FED	43-047-31738	12010
Ute Tribal #26-3G	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-32667	12010
Ute Tribal #26-5J	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NW/SE	26	4S	1E	U 35A	FED	43-047-32574	12010
Ute Tribal #27-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NW	27	4S	1E	14-20-H62-4530	FED IND	43-047-31942	11221
Walker Hollow Unit #6	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SE/SE	8	7S	23E	U 02651	FED	43-047-31034	2760
Walker Hollow Unit #J-8	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SE	8	7S	23E	U 02651	FED	43-047-31092	2760
W. Walker Fed. #1C-33			Horseshoe Bend	ACT	Uintah	NW/SW	33	6S	22E	U 38411	FED	43-047-30815	2715
✓ W. Walker St. #1C-32			Horseshoe Bend	ACT	Uintah	NE/SW	32	6S	22E	ML 33526	STATE	43-047-30877	2720
✓ West Walker St. #2-32			Horseshoe Bend	INA	Uintah	NW/NE	32	6S	22E	ML 33526	STATE	43-047-30878	2721
White River #1-14			Natural Buttes	INA	Uintah	NE/NW	14	10S	23E	U 38427	FED	43-047-30481	1500
Willow Creek Unit #1			Pack Mountain (Willow Creek)	INA	Uintah	SE/NE	27	11S	20E	U 34705	FED	43-047-31775	10804
Willow Creek Unit #2			Brown Canyon (Willow Creek)	INA	Uintah	SE/SW	5	11S	20E	U 39223	FED	43-047-31818	11604
Wolf Government Federal # 1			Horseshoe Bend	ACT	Uintah	NE/NE	5	7S	22E	U 075939	FED	43-047-15609	2755

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-KDR	6-KAS ✓
2-GLH	7-SJ TP
3-JRB	8-FILE
4-CDW ✓	9-Like
5-KDR ✓	

Change of Operator (well sold)

☐ Designation of Agent

Designation of Operator

☒ Operator Name Change Only (MERGER)The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)

SANTE FE SNYDER CORPORATION FROM: (old operator)

SNYDER OIL CORPORATION

(address)

P.O. BOX 129

(address)

P.O. BOX 129

BAGGS, WYOMING 82321

BAGGS, WYOMING 82321

Phone: (307) 383-2800

Phone: (307) 383-2800

Account no. N2000 (6-24-99)

Account no. N1305

WELL(S) attach additional page if needed:

\*HORSESHOE BEND, LOVE, EAST BENCH &amp; WALKER HOLLOW UNITS

me: *SEE ATTACHED*	API: 43-097-30981	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
me: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
- (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
- The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #011879.
- FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
- Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
- Cardex file has been updated for each well listed above.
- Well file labels have been updated for each well listed above. *(new system)*
- Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
- A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- 1 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- 1 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.  
(Rec'd 6.11.99 #J27777)
- 2 2. A copy of this form has been placed in the new and former operator's bond files.
- 3 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- 1 1. All attachments to this form have been **microfilmed**. Today's date: 9-30-99

## FILING

- 1 1. Copies of all attachments to this form have been filed in each well file.
- 2 2. The **original** of this form, and the **original** attachments are now being filed in the Operator Change file.

## COMMENTS

---

---

---

---

---

---

---

---

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:  
8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:  
435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 4 2001

DIVISION OF  
OIL, GAS AND MINING



0610204 8100

010162788

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01



## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

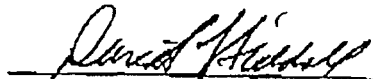
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized


Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit:****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
PETES FLAT 1-1	43-047-30558	1510	01-10S-23E	FEDERAL	GW	S
FEDERAL 4-4	43-047-30632	10690	04-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 4-5	43-047-30633	6131	05-10S-23E	FEDERAL	GW	P
FEDERAL 1-5 (CA 74473)	43-047-30856	10689	05-10S-23E	FEDERAL	GW	P
SAGE HEN 1-6 (CA CR-3)	43-047-30382	1490	06-10S-23E	FEDERAL	GW	P
FLAT MESA 1-7	43-047-30365	1505	07-10S-23E	FEDERAL	GW	P
FLAT MESA 2-7	43-047-30545	1506	07-10S-23E	FEDERAL	GW	P
SAGE BRUSH 1-8	43-047-30383	1467	08-10S-23E	FEDERAL	GW	TA
NO NAME CANYON 1-9	43-047-30378	1466	09-10S-23E	FEDERAL	GW	P
NO NAME CANYON 2-9	43-047-31504	1468	09-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 9-3M	43-047-32540	11767	09-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 9-4-J	43-047-32541	11685	09-10S-23E	FEDERAL	GW	P
SHEEPHERDER 1-10 (CA CR-5)	43-047-30559	1470	10-10S-23E	FEDERAL	GW	P
JACK RABBIT 1-11 (CA CR-23)	43-047-30423	1475	11-10S-23E	FEDERAL	GW	S
NSO FEDERAL 1-12 (CA CR-22)	43-047-30560	1480	12-10S-23E	FEDERAL	GW	P
WHITE RIVER 1-14	43-047-30481	1500	14-10S-23E	FEDERAL	GW	P
CLIFF EDGE 1-15	43-047-30462	1524	15-10S-23E	FEDERAL	GW	TA
BONANZA FEDERAL 3-15	43-047-31278	8406	15-10S-23E	FEDERAL	GW	P
CROOKED CANYON 1-17	43-047-30369	1465	17-10S-23E	FEDERAL	GW	S
CANYON VIEW FEDERAL 1-18	43-047-30379	1485	17-10S-23E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/23/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/23/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

---

---

---

---

---



## WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.



Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405

UTU-20895

UTU-25566

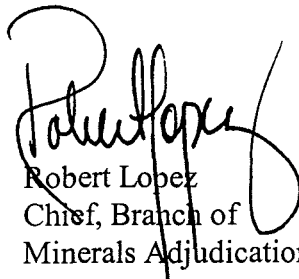
UTU-43156

UTU-49518

UTU-49519

UTU-49522

UTU-49523

  
Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

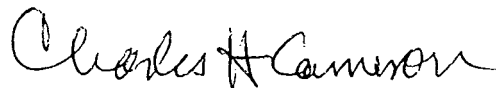
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

Exhibit "A"

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

City Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND #

State Surety Bond No. RLB0005236

Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

SUCCESSOR OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Signature

*Cheryl Cameron*

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW ☒

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BONANZA 9-5	09-09S-23E	43-047-34088	99999	FEDERAL	GW	APD
BONANZA 9-6	09-09S-23E	43-047-34770	99999	FEDERAL	GW	APD
BONANZA 10-2	10-09S-23E	43-047-34089	99999	FEDERAL	GW	APD
BONANZA 10-3	10-09S-23E	43-047-34090	99999	FEDERAL	GW	APD
BONANZA 10-4	10-09S-23E	43-047-34772	99999	FEDERAL	GW	APD
SHEEPHERDER FED 1-10 (CR-5)	10-09S-23E	43-047-30559	1470	FEDERAL	GW	P
JACK RABBIT 1-11	11-09S-23E	43-047-30423	1475	FEDERAL	GW	S
BONANZA 11-2	11-09S-23E	43-047-34773	99999	FEDERAL	GW	APD
NSO FEDERAL 1-12 (CR-22)	12-09S-23E	43-047-30560	1480	FEDERAL	GW	P
WHITE RIVER 1-14	14-09S-23E	43-047-30481	1500	FEDERAL	GW	S
CLIFF EDGE FEDERAL 1-15	15-09S-23E	43-047-30462	1524	FEDERAL	GW	TA
BONANZA FED 3-15	15-09S-23E	43-047-31278	8406	FEDERAL	GW	P
LOOKOUT POINT STATE 1-16	16-09S-23E	43-047-30544	1495	STATE	GW	P
CROOKED CANYON FED 1-17	17-09S-23E	43-047-30369	1465	FEDERAL	GW	S
CANYON VIEW FED 1-18	18-09S-23E	43-047-30379	1485	FEDERAL	GW	S
HILL FEDERAL 1-10	10-11S-20E	43-047-31026	1368	FEDERAL	GW	TA
WILLOW CREEK UNIT 1	27-11S-20E	43-047-31775	10804	FEDERAL	GW	S
ARCHY BENCH STATE 1-2	02-11S-22E	43-047-31489	9871	STATE	GW	S
BITTER CREEK FEDERAL 1-3	03-11S-22E	43-047-30524	1460	FEDERAL	GW	S
LIZARD CREEK 1-10	10-11S-22E	43-047-31475	9870	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/27/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/27/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED

9. API Well No.

SEE ATTACHED

10. Field and Pool, or Exploratory Area

VARIOUS

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL LOCATIONS ON  
TEMPORARILY ABANDONMENT STATUS, UNTIL SUCH TIME THE WELL LOCATIONS CAN BE  
PLUGGED AND ABANDON.

PLEASE REFER TO THE ATTACHED LIST OF PROPOSED PLUG AND ABANDONMENTS  
FOR THE NEXT 5 YEARS.

COPY SENT TO OPERATOR  
Date: 8-24-04  
Initials: JPD

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 8/20/2004  
BY: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchegg

Signature

Title

Regulatory Analyst

Date

May 25, 2004

\* See Conditions of Approval (Attached)  
Federal Approval of This  
Action Is Necessary

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED  
JUN 03 2004  
DIV. OF OIL, GAS & MINING



**Proposed 2007 P&A's - 15 Wells**

30494	CIGE 035	1-10-20 NESW	UTU-02270A
30542	CIGE 066	23-10-21 SENW	UTU-02278A
30952	CIGE 073D	5-10-22 SWSW	UTU-01191A
30953	CIGE 074D	6-10-22 NWSE	UTU-01195
31915	CIGE 114	34-9-21 NESE	U-01194A
34436	CIGE 282	7-10-22 NENE	ML-23609
30962	KURIP 01-027	1-9-20 NENW	14-20-H62-3004
30848	NBU 043	26-10-20 NWSE	UTU-4476
30534	NBU 047N2	30-10-22 SESW	UTU-0132568A
31250	NBU 087J	3-10-22 NESW	UTU-01191A
31923	NBU 114	5-10-21 SWSW	UTU-01393D
31982	NBU 149	5-10-22 NESE	UTU-01191
31992	NBU 150	9-10-22 SENW	UTU-01196B
32234	NBU 188	10-10-22 SWSW	U-01196C
33692	WONSITS FEDERAL 01-05	5-8-22 LOT 5	UTU-72633

**Proposed 2008 P&A's - 11 wells**

32401	NBU 213	15-10-22 NWNW	UTU-025187
32480	NBU 217	28-9-21 NESW	U-05678
32944	NBU 242	5-10-22 SWSE	UTU-01191
32917	NBU 253	10-9-21 SWNW	U-0141315
32929	NBU 262	33-9-21 NENE	UTU-0576
33011	NBU 278	30-9-22 SWSW	U-463
32976	NBU 285	3-10-22 NWNW	UTU-01191
32886	NBU 296 GR	24-10-20 NWNE	UTU-4485
33776	NBU 364	29-9-21 SESE	UTU-0581
30838	NBU 58N2	27-10-22 NENW	U-473
31327	NBU 98-V	34-9-21 SWSW	U-01194-A

69 total wells



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

MICHAEL O. LEAVITT  
*Governor*

OLENE S. WALKER  
*Lieutenant Governor*

## ***CONDITIONS OF APPROVAL TO EXTEND SI/TA OF WELL***

Well Name and Number:	Several State and Federal wells
API Number:	See Sundry List
Operator:	Westport Oil and Gas Company L.P.
Reference Document:	Original Sundry dated May 25, 2004, received by DOGM on June 3, 2004

The Division of Oil, Gas and Mining (DOGM) accepts Westport's plan of action to Plug and Abandon sixty-nine wells by year-end 2008. Based upon the plan of action DOGM approves these sixty-nine (69) wells for extended shut-in until September 1, 2005.

### Approval Conditions (Federal Approval necessary on all Federal/Indian wells):

1. If SI/TA is desired beyond the approval date listed above, the operator should submit a request for extended SI/TA at that time. Adherence to the accepted plan of action, wellbore conditions etc. will be taken into consideration.
2. A well monitoring program should be in place to ensure that health, safety and the environment are all protected (wellbore integrity).
3. Any changes in wellbore conditions or integrity; or sustained pressure on casing/casing annuli shall be reported to the Division immediately. A new monitoring program or remedial action may be necessary at that time.

Dustin K. Doucet  
Petroleum Engineer

August 20, 2004

Date

API #	WELL NAME	S-T-R	LEASE NUMBERS
43-047-			

**Proposed 2004 P&A's - 13 Wells**

31900	EAST GUSHER 15-1A	15-6-20 NENE	UTU-58007
30423	JACK RABBIT 1-11	11-10-23 SWNE	UTU-38425
32540	SOUTHMAN CANYON 09-03M	9-10-23 SWSW	UTU-37355
32543	SOUTHMAN CANYON 31-01-L	31-9-23 NWSW	UTU-33433
31100	NBU 070N3	3-10-22 SWNW	UTU-01191
30221	NBU 018	10-10-22 SWNE	UTU-025187
20280	WALKER HOLLOW U MCLISH 1	8-7-23 SWSW	UTU-02651
30011	WALKER HOLLOW U MCLISH 2	8-7-23 SWSE	UTU-02651
30030	WALKER HOLLOW U MCLISH 4	8-7-23 NESW	UTU-02651
31034	WALKER HOLLOW UNIT 6	8-7-23 SESE	UTU-02651
30027	WALKER HOLLOW U MCLISH 3	8-7-23 NESE	UTU-02651
31092	WALKER HOLLOW UNIT J-8	8-7-23 NWSE	UTU-02651
31975	NBU 153	11-10-22 SWNW	U-01197A

**Proposed 2005 P&A's - 15 Wells**

31833	BASER DRAW 5-1	5-7-22 NWNW	UTU-075939
31834	BASER DRAW 6-1	6-7-22 NWNW	UTU-075939
31859	BASER DRAW FEDERAL 6-2	6-7-22 SWNE	UTU-075939
31304	COORS FEDERAL 14-1D	14-7-21 NWNW	UTU-65223
32009	COORS FEDERAL 2-10HB	10-7-21 NWNW	UTU-6522
30753	DM ICE FRIDAY 34-22	34-8-20 NESE	14-20-H62-2997
32333	FEDERAL 11-1-M	11-6-20 SWSW	UTU-64376
33831	HORSESHOE BEND FED 03-1	3-7-21 NWSE	UTU-0142175
33832	HORSESHOE BEND FED 04-1	4-7-21 NWSE	UTU-66401
33872	HORSESHOE BEND FED 26-3	26-6-21 NWSW	UTU-38401
33667	KENNEDY WASH FED 14-1	14-8-23 NWSW	UTU-71424
30623	SAND RIDGE FED 23-17	17-8-23 NESW	UTU-0143276
31508	STIRRUP FEDERAL 29-2	29-6-21 NWSE	UTU-46699
31634	STIRRUP FEDERAL 29-3	29-6-21 SESE	UTU-78854
30815	WEST WALKER FED. 1-33	33-6-22 NWSW	UTU-38411

**Proposed 2006 P&A's - 15 Wells**

30524	BITTER CREEK 01-03	3-11-22 SWNE	UTU-29797
30379	CANYON VIEW FEDERAL 1-18	18-10-23 SENW	UTU-38421
30369	CROOKED CYN FED 1-17	17-10-23 NENW	UTU-37355
31778	E BENCH UNIT #1	33-11-22 NWSE	UT-121P
30365	FLAT MESA FED. 1-7	7-10-23 NWSE	UTU-38420
30544	LOOKOUT POINT STATE 1-16	16-10-23 NESE	ML-221886A
30766	LOVE UNIT B2-3	3-11-21 SWSW	UTU-8347
30560	NSO FEDERAL 1-12	12-10-23 NENW	UTU-38423
30558	PETE'S FLAT 1-1	1-10-23 NESE	UTU-40736
30382	SAGE HEN FEDERAL 1-6	6-10-23 NESE	UTU-38419
30383	SAGEBRUSH FEDERAL 1-8	8-10-23 SWNE	UTU-37355
30856	SOUTHMAN CANYON 01-05 FED	5-10-23 SENW	UTU-33433
30632	SOUTHMAN CANYON 4-4	4-10-23 NWSE	UTU-33433
30481	WHITE RIVER 1-14	14-10-23 NENW	UTU-38427
31775	WILLOW CREEK UNIT #1	27-11-20 SENE	UT-128P

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**5. Lease Serial No.  
MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.

MULTIPLE WELLS- SEE ATTACHED

9. API Well No.

MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area

BONANZA/SOUTHMAN CANYON

11. County or Parish, State

UINTAH COUNTY, UTAH

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

MULTIPLE WELLS- SEE ATTACHED

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>VARIANCE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure- vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. To 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ENVIRONMENTAL ASSISTANT

Signature

Date

July 9, 2004

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

COPY SENT TO OPERATOR  
Date: 7-16-04  
Initials: CHD

Date: 7/16/04  
By: [Signature]

RECEIVED

JUL 14 2004

DIV. OF OIL, GAS &amp; MINING

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350 Increased OPX Per Year</b>

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
<b>Total \$</b>		<b>\$1,200</b>

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002 BOPD
Gas Production	0	MCFPD	0	MCFPD	0 MCFPD
Wtr Production	0	BWPD	0	BWPD	0 BWPD
Horse Power		HP		HP	0 HP
Fuel Gas Burned		MCFPD		MCFPD	0 MCFPD

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

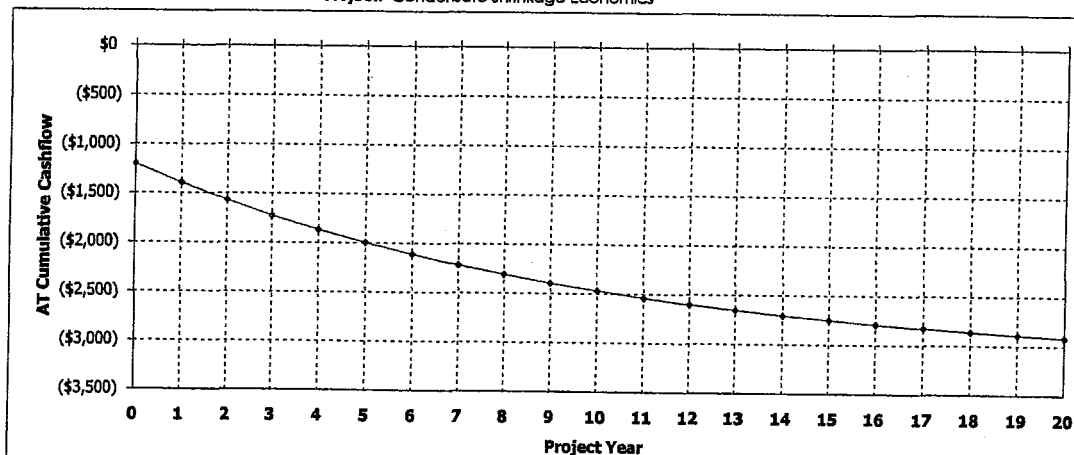
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**  
**NBU/Ouray Field**  
RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

# ALL WELLS ROCKY MOUNTAIN GAS- BONANZA/SOUTHMAN CANYON ENARDO VARIANCE

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
BONANZA 04-06	4	10S	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	430473484300S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	430473408700S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	430473486600S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	430473470400S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	430473472800S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	10S	23E	NWSW	U-38420		430473528900S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	430473477300S1
BONANZA FEDERAL 03-15	15	10S	23E	NENW	UTU38428	UTU38428	430473127800S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENE	UTU38421	UTU38421	430473037900S1
CROOKED CYN FED 1-17	17	10S	23E	NESW	UTU37355	UTU37355	430473036900S1
FLAT MESA FEDERAL 1-7	7	10S	23E	NWSE	UTU38420	UTU38420	430473036500S1
FLAT MESA FEDERAL 2-7	7	10S	23E	SENE	UTU38420	UTU38420	430473054500S1
JACK RABBIT 1-11	11	10S	23E	SWNE	UTU38425	CR-23	430473042300S1
LOOKOUT POINT STATE 1-16	16	10S	23E	NESE	ML22186A		430473054400S1
NO NAME CANYON 1-9	9	10S	23E	SENE	UTU037355	UTU37355	430473037800S1
NO NAME CANYON 2-9	9	10S	23E	NENW	UTU037355	UTU37355	430473150400S1
NSO FEDERAL 1-12	12	10S	23E	NENW	UTU38423	CR-22	430473056000S1
PETE'S FLAT 1-1	1	10S	23E	NESE	UTU40736		430473055800S1
SAGE HEN FEDERAL 1-6	6	10S	23E	NESE	UTU38419	CR-3	430473038200S1
SAGEBRUSH FEDERAL 1-8	8	10S	23E	SWNE	UTU37355	UTU37355	430473038300S1
SHEEPHERDER FEDERAL 1-10	10	10S	23E	NESE	UTU38424	CR-5	430473055900S1
SOUTHMAN CANYON 01-05 FED	5	10S	23E	SENE	UTU33433	UTU74473	430473085600S1
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	10S	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09S	23E	NWSW	UTU33433	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	09S	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	09S	23E	SENE	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

MULTIPLE WELLS- SEE ATTACHED

5. Lease Serial No.

MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.

MULTIPLE WELLS- SEE ATTACHED

9. API Well No.

MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area

MULTIPLE WELLS- SEE ATTACHED

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY RESCINDS ANY PREVIOUSLY APPROVED DISPOSAL SITES AND PROPOSES THAT ANY PRODUCED WATER FROM THE ATTACHED LIST OF WELLS WILL BE CONTAINED IN A WATER TANK AND WILL THEN BE HAULED BY TRUCK TO ONE OF THE FOLLOWING PRE-APPROVED DISPOSAL SITES: DALBO, INC.; RNI, SEC. 5-T9S-R22E; ACE OILFIELD, SEC. 2-T6S-R20E; SOUTHMAN CANYON #3 SWD, SEC. 15-T10S-R23E, API NO. 43047158800000S1; AND DIRTY DEVIL FEDERAL 14-10 SWD, SWC. 10-T9S-R24E, API NO. 430473056600S1.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ENVIRONMENTAL ASSISTANT

Signature

*Debra Domenici*

Date

July 12, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

JUL 14 2004

DIV. OF OIL, GAS & MINING



WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
BONANZA 04-06	4	10S	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	430473484300S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	430473408700S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	430473486600S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	430473470400S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	430473472800S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-2A	2	10S	23E	NENE	ML47062		430473534700S1
BONANZA 1023-2C	2	10S	23E	NENW	ML47062		430473534600S1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		430473534500S1
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	10S	23E	NWSW	U-38420		430473528900S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	430473477300S1
BONANZA FEDERAL 03-15	15	10S	23E	NENW	UTU38428	UTU38428	430473127800S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENE	UTU38421	UTU38421	430473037900S1
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	430473175800S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	430473202500S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	430473202200S1
CIGE 147	36	09S	22E	SESW	ML22650	891008900A	430473202000S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	430473216800S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	430473216400S1
CIGE 186	35	09S	22E	NWSE	UTU010954A	891008900A	430473259000S1
CIGE 193	35	09S	22E	SESE	UTU010954A	891008900A	430473297300S1
CIGE 194	1	10S	22E	SWNW	U011336	891008900A	430473293200S1
CIGE 195	2	10S	22E	NWNE	ML22651	891008900A	430473279700S1
CIGE 212	34	09S	22E	NENE	UTU0149077	891008900A	430473293800S1
CIGE 221	36	09S	22E	SWSW	ML22650	891008900A	430473286800S1
CIGE 222	36	09S	22E	NESW	ML22650	891008900A	430473286900S1
CIGE 223	1	10S	22E	NWNW	U011336	891008900A	430473298300S1
CLIFF EDGE 1-15	15	10S	23E	NWSE	UTU38427	UTU38427	430473046200S1
CROOKED CYN FED 1-17	17	10S	23E	NESW	UTU37355	UTU37355	430473036900S1
FLAT MESA FEDERAL 1-7	7	10S	23E	NWSE	UTU38420	UTU38420	430473036500S1
FLAT MESA FEDERAL 2-7	7	10S	23E	SENE	UTU38420	UTU38420	430473054500S1
JACK RABBIT 1-11	11	10S	23E	SWNE	UTU38425	CR-23	430473042300S1
LOOKOUT POINT STATE 1-16	16	10S	23E	NESE	ML22186A		430473054400S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1
NBU 1022-1G	1	10S	22E	SWNE	U-11336	891008900A	430473517500S1
NBU 922-35K	35	09S	22E	NESW	UTU-010954A	891008900A	430473512800S1
NBU 922-36I	36	09S	22E	NESE	ML-22650	891008900A	430473510700S1
NO NAME CANYON 1-9	9	10S	23E	SENE	UTU037355	UTU37355	430473037800S1
NO NAME CANYON 2-9	9	10S	23E	NENW	UTU037355	UTU37355	430473150400S1
NSO FEDERAL 1-12	12	10S	23E	NENW	UTU38423	CR-22	430473056000S1
PETE'S FLAT 1-1	1	10S	23E	NESE	UTU40736		430473055800S1
SAGE HEN FEDERAL 1-6	6	10S	23E	NESE	UTU38419	CR-3	430473038200S1
SAGEBRUSH FEDERAL 1-8	8	10S	23E	SWNE	UTU37355	UTU37355	430473038300S1
SHEEPHERDER FEDERAL 1-10	10	10S	23E	NESE	UTU38424	CR-5	430473055900S1
SOUTHMAN CANYON 01-05 FED	5	10S	23E	SENE	UTU33433	UTU74473	430473085600S1

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	10S	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09S	23E	NWSW	UTU33433	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	09S	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	09S	23E	SENW	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

MULTIPLE WELLS- SEE ATTACHED

5. Lease Serial No.

MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.

MULTIPLE WELLS- SEE ATTACHED

9. API Well No.

MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area

MULTIPLE WELLS- SEE ATTACHED

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas Company rescinds any previously approved disposal sites and proposes that any produced water from the attached list of wells on Exhibit A will be contained in a water tank and will then be hauled by truck to one of the following pre-approved disposal sites: Dalbo, Inc. Disposal Pit; RNI Disposal Pit, Sec. 5-T9S-R22E; Ace Oilfield Disposal, Sec. 2-T6S-R20E; Southman Canyon #3 SWD, Sec. 15-T10S-R23E, API No. 43047158800000S1 CIGE 9 SWD, Sec. 36-T9S-R22E; and Dirty Devil Federal 14-10 SWD, Sec. 10-T9S-R24E, API No. 430473056600S1. The disposal/emergency pits for the locations listed on Exhibit B will be reclaimed within the 2004 year. The rest of the locations that have disposal/emergency pits which are listed on Exhibit C will have their pits reclaimed by September 2008.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ENVIRONMENTAL ASSISTANT

Signature

*Debra Domenici*

Date

July 22, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED  
JUL 27 2004  
DIV. OF OIL, GAS & MINING

## EXHIBIT A

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
BONANZA 04-06	4	10S	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	430473484300S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	430473408700S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	430473486600S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	430473470400S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	430473472800S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-2A	2	10S	23E	NENE	ML47062		430473534700S1
BONANZA 1023-2C	2	10S	23E	NENW	ML47062		430473534600S1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		430473534500S1
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	10S	23E	NWSW	U-38420		430473528900S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	430473477300S1
BONANZA FEDERAL 03-15	15	10S	23E	NENW	UTU38428	UTU38428	430473127800S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENE	UTU38421	UTU38421	430473037900S1
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	430473175800S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	430473202500S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	430473202200S1
CIGE 147	36	09S	22E	SESW	ML22650	891008900A	430473202000S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	430473216800S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	430473216400S1
CIGE 186	35	09S	22E	NWSE	UTU010954A	891008900A	430473259000S1
CIGE 193	35	09S	22E	SESE	UTU010954A	891008900A	430473297300S1
CIGE 194	1	10S	22E	SWNW	U011336	891008900A	430473293200S1
CIGE 195	2	10S	22E	NWNE	ML22651	891008900A	430473279700S1
CIGE 212	34	09S	22E	NENE	UTU0149077	891008900A	430473293800S1
CIGE 221	36	09S	22E	SWSW	ML22650	891008900A	430473286800S1
CIGE 222	36	09S	22E	NESW	ML22650	891008900A	430473286900S1
CIGE 223	1	10S	22E	NWNW	U011336	891008900A	430473298300S1
CLIFF EDGE 1-15	15	10S	23E	NWSE	UTU38427	UTU38427	430473046200S1
CROOKED CYN FED 1-17	17	10S	23E	NESW	UTU37355	UTU37355	430473036900S1
FLAT MESA FEDERAL 1-7	7	10S	23E	NWSE	UTU38420	UTU38420	430473036500S1
FLAT MESA FEDERAL 2-7	7	10S	23E	SENE	UTU38420	UTU38420	430473054500S1
JACK RABBIT 1-11	11	10S	23E	SWNE	UTU38425	CR-23	430473042300S1
LOOKOUT POINT STATE 1-16	16	10S	23E	NESE	ML22186A		430473054400S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1
NBU 1022-1G	1	10S	22E	SWNE	U-11336	891008900A	430473517500S1
NBU 922-35K	35	09S	22E	NESW	UTU-010954A	891008900A	430473512600S1
NBU 922-36I	36	09S	22E	NESE	ML-22650	891008900A	430473510700S1
NO NAME CANYON 1-9	9	10S	23E	SENE	UTU037355	UTU37355	430473037800S1
NO NAME CANYON 2-9	9	10S	23E	NENW	UTU037355	UTU37355	430473150400S1
NSO FEDERAL 1-12	12	10S	23E	NENW	UTU38423	CR-22	430473056000S1
PETE'S FLAT 1-1	1	10S	23E	NESE	UTU40736		430473055800S1
SAGE HEN FEDERAL 1-6	6	10S	23E	NESE	UTU38419	CR-3	430473038200S1
SAGEBRUSH FEDERAL 1-8	8	10S	23E	SWNE	UTU37355	UTU37355	430473038300S1
SHEEPHERDER FEDERAL 1-10	10	10S	23E	NESE	UTU38424	CR-5	430473055900S1
SOUTHMAN CANYON 01-05 FED	5	10S	23E	SENE	UTU33433	UTU74473	430473085600S1

EXHIBIT B  
PITS TO BE RECLAIMED IN 2004

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1

EXHIBIT C  
PITS TO BE RECLAIMED BY SEPTEMBER, 2008

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10S	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	09S	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	430473175800S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	430473202500S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	430473202200S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	430473216800S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	430473216400S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1

## EXHIBIT A

WELL	LEGALS				STF LEASE NO	CA NUMBER	API NO
	SEC	TWN	RGE	QTR/QTR			
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	10S	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09S	23E	NWSW	UTU33433	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	09S	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	09S	23E	SENW	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME

SEC TWN RNG

API NO

ENTITY  
NO

LEASE  
TYPE

WELL  
TYPE

WELL  
STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Randy Bayne

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

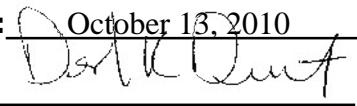
Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-38427			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> WHITE RIVER 1-14			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1307 FNL 2129 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 14 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047304810000			
<b>PHONE NUMBER:</b> 720 929-6007 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/25/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The operator requests authorization to plug and abandon the subject well location. Plug and abandonment procedures are attached.					
<div style="text-align: right;"> <b>Accepted by the Utah Division of Oil, Gas and Mining</b>   <b>Date:</b> <u>October 13, 2010</u>  <b>By:</b> <u></u> </div>					
<b>NAME (PLEASE PRINT)</b> Gina Becker		<b>PHONE NUMBER</b> 720 929-6086			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst II			
		<b>DATE</b> 10/12/2010			

WHITE RIVER FEDERAL 1-14  
1307' FNL & 2129' FWL  
NENW SEC.14, T10S, R23E  
Uintah County, UT

KBE:	5580'	API NUMBER:	4304730481
GLE:	5568'	LEASE NUMBER:	U-38427
TD:	8205'	WINS:	71564
PBTD:	8214'	WI:	100%
		NRI:	75.0%

**CASING:** 17.50" Hole  
13.375" 48# H-40 @ 222'  
Cemented with 250 sx class G, cmt to surface

12.25" Hole  
8.625" 24# K-55 @ 2794'  
Cemented with 190 sx RFC, TOC @ 2265' by calculation

7.875" Hole  
4.5" 11.6# N-80 @ 8202'  
Cemented with 1066 sx RFC, TOC @ 4050' by CBL  
Top job of 300 sx class H and 350 sx Lite (~165% of the volume needed to fill from surface to primary TOC.) No logs on file.

**TUBING:** 2 3/8" 4.7# J-55 @ 6340'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02173	0.00387
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
8.625" 24# J-55	8.097	1370	2950	2.6749	0.3537	0.0636
13.385" 48# H-40						
<b>Annular Capacities</b>						
2.3/8" tbg. X 4 1/2" 17# csg				0.4226	0.0565	0.01006
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.044
8 5/8" csg X 13.385" 48# csg				3.561	0.476	0.0848
4.5" csg X 7 7/8" borehole				1.704	0.2278	0.0406
8.5/8" csg X 12 1/4" borehole				3.0874	0.4127	0.0735
13 3/8" csg X 17 1/2" borehole				5.1963	0.6946	0.1237

# **GEOLOGIC INFORMATION:**

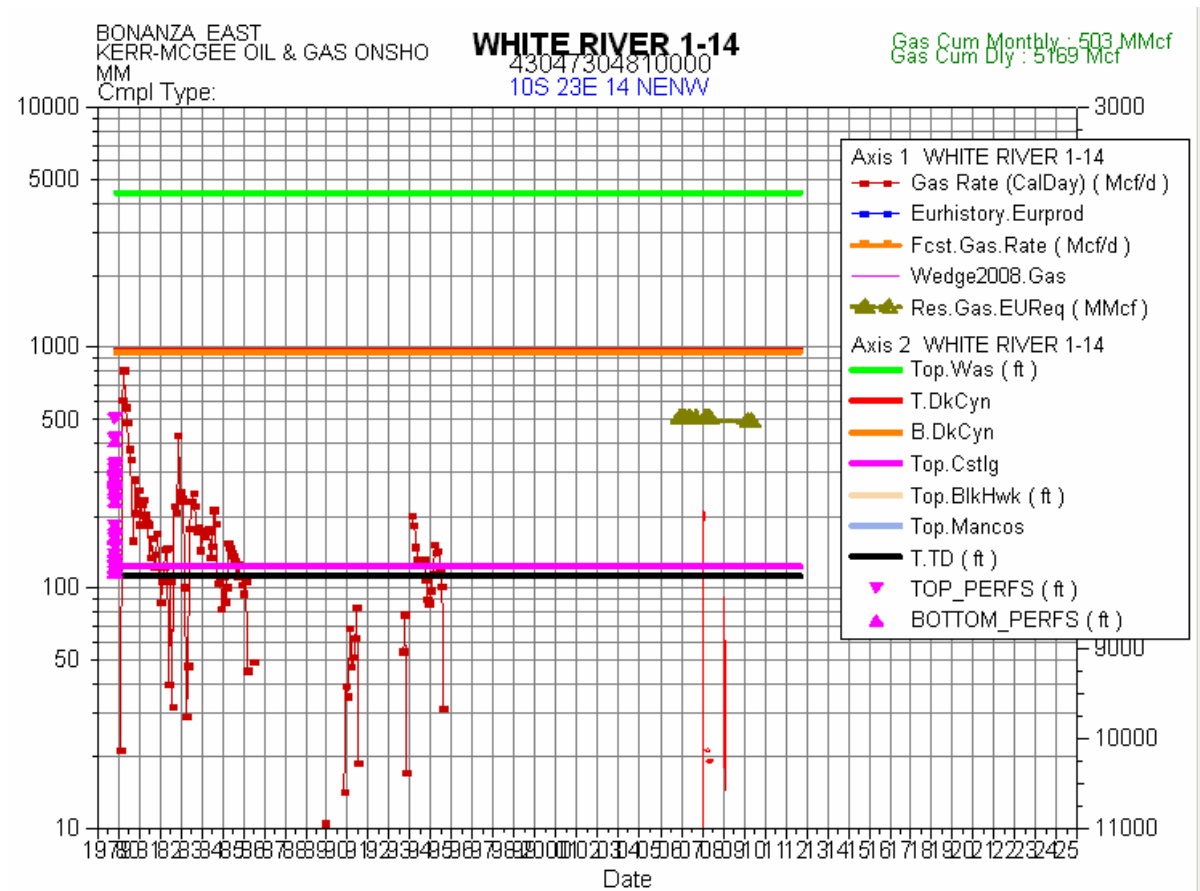
Formation	Depth to top, ft.
Uinta	Surface
Green River	1091'
Birds Nest	
Top of Mahogany	1704'
Base of Parachute	3025'
Wasatch	3949'
Mesaverde	5684'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation ~1000' MSL  
USDW Depth ~4580' KBE

**PERFORATION DETAIL**

Formation	Date Shot	Top	Bottom	STATUS
Mesaverde	10/1979	6456	7929	Open





## WHITE RIVER FEDERAL 1-14 P&A PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

Note: An estimated 736 sx Class "G" cement needed for procedure

Note: No gyro has been run on this well as of 9/15/10

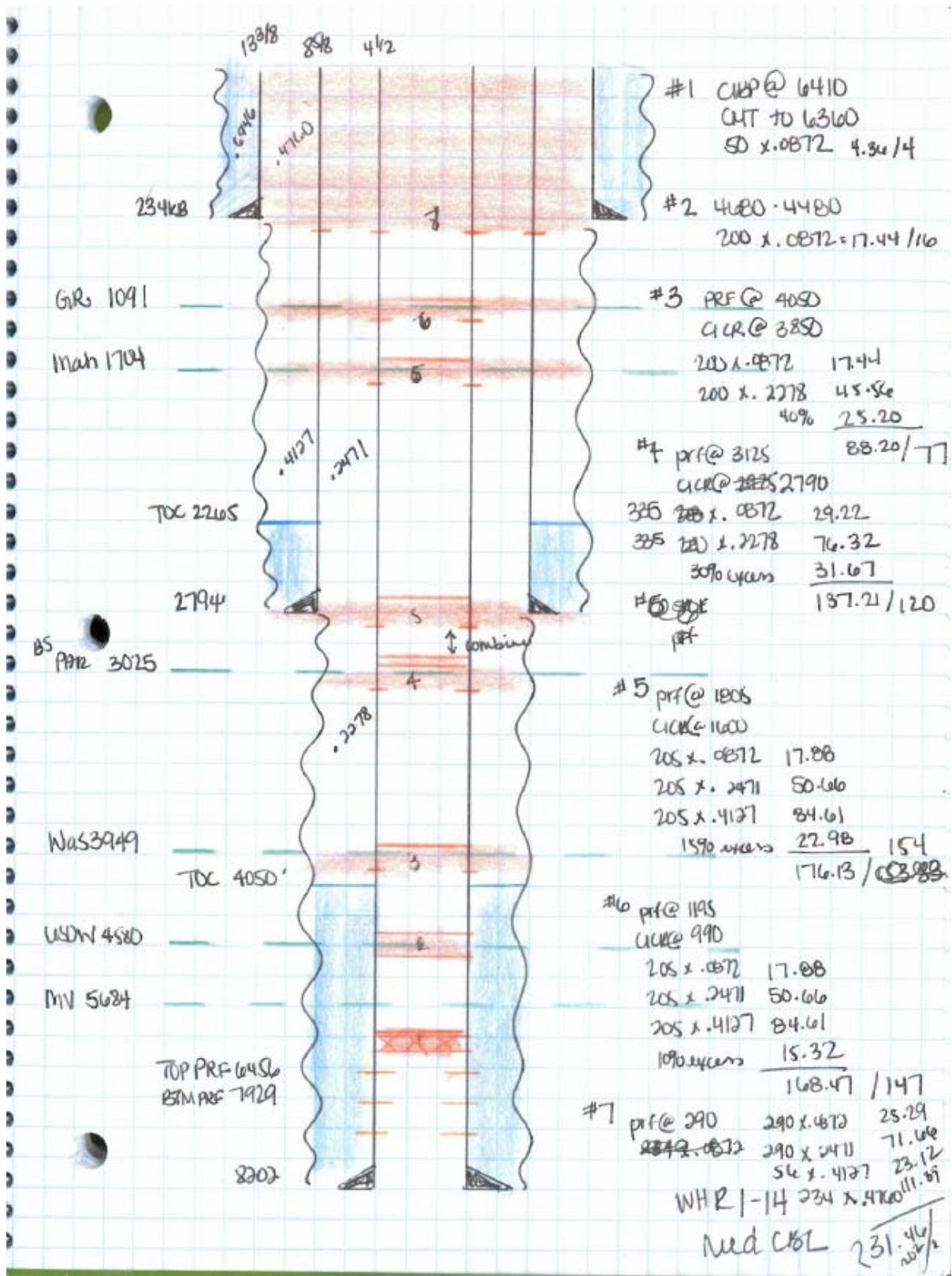
1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. PREP TO RUN GYRO SURVEY & CBL.
4. RUN GYRO SURVEY AND CEMENT BOND LOG (THERE IS NO RECORD OF CBL IN VERNAL OFFICE OR ON UDOGM WEBSITE).

**NOTE: THIS PROCEDURE ASSUMES CEMENT TOPS AS STATED IN WELL INFORMATION, IF CBL DETERMINES THAT TOC IS OTHER THAN STATED IN THIS PROCEDURE, PLUGS 3-7 MAY NEED TO BE REVISED.**

5. **PLUG #1, ISOLATE MESAVERDE PERFORATIONS (6456' - 7929'):** RIH W/ 4 ½" CIBP. SET @ ~6410'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **4 SX / .78 BBL / 4.36 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~6360'). REVERSE CIRCULATE W/ TREATED BRINE.
6. **PLUG #2, PROTECT BASE OF USDW (~4580):** PUH TO ~4680'. BRK CIRC W/ FRESH WATER. DISPLACE **16 SX / 3.1 BBL / 17.44 CUFT** AND BALANCE PLUG W/ TOC @ ~4480' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED BRINE.
7. **PLUG #3, PROTECT TOP OF WASATCH (3949'):** POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 4050' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~3850'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **77 SX / 15.7 BBL / 88.2 CUFT** (CALCULATION INCLUDES 40% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & ANNULI TO 3850'. STING OUT OF CICR AND SPOT **4 SX / .78 BBL / 4.36 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~3800'). REVERSE CIRCULATE W/ 10 PPG BRINE.
8. **PLUG #4, PROTECT BASE OF PARACHUTE (3025') & SURF CASING SHOE (2794'):** POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 3125' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~2790'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **120 SX / 24.4 BBL / 137.21 CUFT** (CALCULATION INCLUDES 30% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & ANNULI TO 2790'. STING OUT OF CICR AND SPOT **4 SX / .78 BBL / 4.36 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2740'). REVERSE CIRCULATE W/ 10 PPG BRINE.

9. **PLUG #5, PROTECT TOP OF MAHOGANY (1704'):** POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1805' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~1600'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **154SX / 31.4 BBL / 176.13 CUFT** (CALCULATION INCLUDES 15% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & ANNULI TO 1600'. STING OUT OF CICR AND SPOT **4 SX / .78 BBL / 4.36 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1550'). REVERSE CIRCULATE W/ 10 PPG BRINE.
10. **PLUG #6, PROTECT TOP OF GREEN RIVER (1091'):** POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1195' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~990'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **147SX / 30.0 BBL / 168.47 CUFT** (CALCULATION INCLUDES 10% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & ANNULI TO 990'. STING OUT OF CICR AND SPOT **4 SX / .78 BBL / 4.36 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~940'). REVERSE CIRCULATE W/ 10 PPG BRINE.
11. **PLUG #7, SURFACE SHOE (~234' KB) & SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 290' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **202 SX / 41.2 BBL / 231.46 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
12. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
13. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM 10/11/10



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
UTU38427

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**8. Well Name and No.  
WHITE RIVER 1-149. API Well No.  
43-047-3048110. Field and Pool, or Exploratory  
NATURAL BUTTES11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator Contact: ANDY LYTLE  
KERR-MCGEE OIL&GAS ONSHORE, LP Email: andrew.lytle@anadarko.com3a. Address  
P.O. BOX 173779  
DENVER, CO 802173b. Phone No. (include area code)  
Ph: 720-929-61004. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T10S R23E NENW 1307FNL 2129FWL**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR SUBMITTED A NOTICE OF INTENT SUNDRY REQUESTING BLM APPROVAL TO PLUG AND ABANDON THE SUBJECT WELL LOCATION ON 10/12/2010. THE PLUG AND ABANDONMENT NOTICE OF INTENT SUNDRY IS CURRENTLY PENDING AT THE BLM.

THE OPERATOR REQUESTS AUTHORIZATION TO RECLAIM THE SUBJECT WELL LOCATION AT THE CONCLUSION OF PLUGGING OPERATIONS. ATTACHED TO THIS SUNDRY NOTICE IS THE FINAL RECLAMATION PLAN.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

Federal Approval Of This  
Action Is Necessary

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #98029 verified by the BLM Well Information System  
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal

Name (Printed/Typed) ANDY LYTLE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/23/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*****RECEIVED****DEC 08 2010****DIV. OF OIL, GAS & MINING**

## **White River Federal 1-14 Final Reclamation Plan**

*Prepared by:  
Anadarko Petroleum Corporation  
June 2010*



## **Introduction**

The White River Federal 1-14 (API # 43-047-30481) is a conventional natural gas well located in Uintah County, UT approximately 11 miles southwest of the town of Bonanza, UT. The location is in section 14 of township 10S range 23E.

## **Final Reclamation Objectives**

After production and operations cease, the goal of final reclamation is to return the land to a condition that approximates that which existed prior to disturbance and maintain a stable and productive condition compatible with the land use. The goal is not to achieve full ecological restoration of the site, but to achieve short-term stability, visual, hydrological and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

## **Site Preparation and Revegetation**

Earthwork for final reclamation will be completed within six months of well plugging, if weather allows for such activities to take place. Disturbed areas will be revegetated after the site has been prepared. Site preparation will include respreading topsoil to an adequate depth and may also include ripping, tilling, disking on contour, dozer track-imprinting, and/or other accepted reclamation site preparation practices. Activities such as seeding and vegetation re-establishment must be completed within the appropriate season for such activities not necessarily immediately after earthwork has been completed. Fall seeding can be conducted after August 15 until ground frost. The long term objective of final reclamation is for eventual ecosystem restoration including the restoration of the natural vegetative community, hydrology and wildlife habitats. Following well plugging, well sites that do not blend with the surrounding landform will be re-contoured.

## **Well Site Reclamation**

Following well plugging, all surface equipment will be removed. The White River Federal 1-14 will be re-contoured to blend with the surrounding landform and topography. Topsoil will be stripped before re-contouring and re-spread over the entire location.

### **Road Reclamation**

The White River Federal 1-14 has no access road to be reclaimed, the existing access road needs to be used to access the producing Bonanza 1023-14C (API 43-047-38299).

### **Reclamation of Other Associated Facilities**

There are no other associated facilities with this well requiring reclamation.

### **Soil Preparation**

Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeding, compacted areas will be scarified by ripping or chiseling to loosen compacted soils. Scarification will promote water infiltration; improve soil aeration and root penetration.

### **Seed Mix and Seeding**

Great Basin Wildrye	2.5
Indian Ricegrass (Nezpar)	0.5
Thickspike Wheat	2
Western Wheat	2
Bottlebrush Squirreltail	1
Munro Globemallow	0.1
Palmer Penstemon	0.1
Rocky Mtn beeplant	0.5
Western yarrow	0.1
Rubber rabbitbrush	0.25
Wyoming Sage	0.25
Shadscale	0.25
Forage Kochia	0.5
<b>Total</b>	<b>10.05</b>

The White River Federal 1-14 will be seeded with a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. In areas that drill seeding may not be the preferred method, the seed will be broadcast and then raked into the ground at double the rate of drill seeding. All seed will be certified and tags will be kept on hand by Anadarko Petroleum Corporation, all seed will be certified weed free.

### **Soil Amendments and Stabilization**

Additional soil amendments and stabilization may be required on sites with poor soils and greater erosion potential. The following soil amendments may be used on this location:

Sustane is an organic fertilizer that will be applied at the rate 1,800 – 2,100 lbs/acre with seed. Sustane granulated slow release fertilizers replenish the soil with essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Sustane can be dry broadcast or applied with hydro-seeding equipment.

### **Erosion Control**

The slopes will be stabilized using materials specifically designed to prevent erosion in order to allow permanent establishment of vegetation. These materials will include, but are not limited to erosion control blankets, hydro-mulch, or soil amendments such as erosion control polymers

### **Monitoring**

Monitoring of the White River Federal 1-14 will be completed annually during the growing season and actions to ensure reclamation success will be taken as needed. During the first 2 growing seasons an ocular methodology will be used to determine the success of the reclamation activities. During the 3rd growing season a quantitative method of 200 point line intercept basal monitoring will be conducted in order to see if the reclaimed area has met 30% desirable basal cover when compared to the native vegetation. If 30% has not been met additional seeding/reclamation efforts may be necessary (Green River District Reclamation Guidelines). Monitoring will continue until the reclaimed area reaches 75% basal cover of desirable vegetation when compared to the undisturbed adjacent native vegetation.

All monitoring reports will be submitted to the Vernal BLM no later than March 31 of the year following the data collection. (Data collected in 2010 will be submitted in 2011 and so forth.) These reports will be submitted electronically in the form of a geodatabase for use in a geographic information system (GIS).

### **Noxious Weeds**

Noxious weeds will be controlled as needed on the location. Monitoring and management of noxious and/or invasive weeds of concern will be completed annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed



Management Plan. Noxious weed infestations will be mapped using a GPS unit and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP). Anadarko submits a field wide PUP annually, and this location will fall under the PUP. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31. All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy.

### **Inspection and Final Abandonment Approval**

When the White River Federal 1-14 has reached the final abandonment objectives, the operator will file a Final Abandonment Notice (FAN). Upon receipt of the FAN a site inspection will be completed by the management agency to ensure reclamation is fully successful and approve the FAN. The operator may request termination of the bond on the Final Abandonment Notice.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL %	RT %	POROSITY %	SHALE %

4000.	100.	100.	0.	21.
4001.	100.	100.	2.	15.
4002.	73.	84.	5.	11.
4003.	63.	91.	5.	18.
4004.	100.	100.	1.	38.
4005.	100.	100.	2.	47.

4018.	57.	57.	10.	34.
4019.	43.	58.	9.	17.
4020.	48.	80.	8.	16.
4021.	61.	100.	7.	31.

4036.	100.	100.	4.	49.
4037.	100.	100.	5.	42.
4038.	100.	100.	5.	48.

4043.	100.	100.	6.	41.
4044.	100.	94.	10.	36.

4049.	100.	100.	4.	48.
4050.	100.	89.	11.	33.
4051.	100.	93.	12.	26.
4052.	100.	90.	13.	15.
4053.	100.	97.	14.	13.
4054.	100.	92.	13.	21.

4063.	100.	92.	13.	26.
4064.	100.	100.	14.	15.
4065.	100.	100.	13.	17.
4066.	100.	100.	11.	33.

4070.	100.	100.	5.	42.
4071.	100.	100.	3.	50.

4080.	100.	100.	4.	49.
-------	------	------	----	-----

4088.	100.	100.	1.	50.
-------	------	------	----	-----

4094.	100.	100.	1.	49.
4095.	100.	100.	1.	48.

4099.	100.	100.	11.	39.
4100.	100.	100.	11.	28.
4101.	100.	100.	11.	30.
4102.	100.	100.	11.	33.
4103.	100.	95.	10.	35.
4104.	100.	95.	11.	28.
4105.	100.	99.	12.	24.
4106.	100.	100.	10.	38.
4107.	100.	100.	5.	45.

RECEIVED  
JUL 26 1982

DIVISION OF  
OIL, GAS & MINING

Geological Atlas

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4108.	100.	100.	10.	38.
4109.	100.	100.	10.	34.
4110.	100.	100.	10.	37.
4111.	100.	100.	5.	45.
4112.	100.	100.	5.	44.
4113.	100.	93.	10.	39.
4115.	100.	100.	4.	47.
4116.	100.	100.	11.	31.
4117.	100.	92.	13.	19.
4118.	100.	88.	13.	18.
4119.	100.	90.	13.	20.
4120.	100.	100.	10.	37.
4121.	100.	84.	12.	27.
4122.	100.	72.	12.	25.
4123.	100.	66.	12.	23.
4124.	100.	66.	13.	16.
4125.	100.	83.	15.	8.
4126.	100.	94.	15.	8.
4127.	100.	98.	14.	14.
4128.	100.	100.	11.	32.
4132.	51.	45.	12.	35.
4133.	89.	55.	14.	29.
4134.	100.	100.	12.	23.
4135.	100.	100.	12.	23.
4136.	100.	100.	10.	36.
4141.	77.	57.	13.	39.
4142.	100.	92.	11.	32.
4143.	100.	99.	11.	32.
4144.	100.	94.	10.	39.
4145.	100.	100.	4.	48.
4146.	100.	100.	4.	48.
4150.	100.	100.	5.	47.
4153.	100.	100.	1.	45.
4154.	73.	100.	6.	38.
4163.	100.	100.	2.	44.
4164.	100.	100.	0.	46.
4191.	100.	100.	0.	30.
4214.	100.	100.	11.	31.
4215.	100.	100.	5.	43.
4232.	100.	100.	0.	49.
4233.	100.	100.	0.	43.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%

4246.	100.	100.	4.	47.
4247.	100.	100.	5.	44.

4251.	100.	100.	1.	43.
4252.	100.	100.	0.	45.
4253.	100.	100.	0.	29.
4254.	100.	100.	0.	18.
4255.	100.	100.	2.	22.
4256.	100.	76.	12.	40.
4257.	100.	100.	10.	37.
4258.	100.	87.	11.	28.
4259.	73.	64.	10.	37.
4260.	100.	100.	1.	45.
4261.	100.	100.	0.	48.

4265.	100.	100.	6.	42.
4266.	68.	74.	10.	38.
4267.	100.	100.	4.	46.
4268.	100.	100.	0.	45.
4269.	100.	100.	0.	46.
4270.	100.	100.	2.	49.
4271.	100.	81.	13.	37.
4272.	100.	89.	13.	18.
4273.	87.	92.	12.	24.
4274.	100.	100.	4.	46.

4279.	100.	100.	4.	49.
-------	------	------	----	-----

4290.	100.	100.	2.	47.
4291.	94.	100.	4.	39.
4292.	100.	100.	0.	47.
4293.	100.	100.	1.	48.

4296.	100.	100.	6.	42.
4297.	66.	69.	11.	39.
4298.	100.	100.	4.	44.

4301.	100.	100.	4.	48.
4302.	100.	100.	10.	37.
4303.	100.	100.	5.	43.

4305.	100.	100.	4.	49.
4306.	55.	98.	11.	31.
4307.	100.	100.	5.	42.
4308.	100.	100.	5.	48.
4309.	100.	100.	0.	48.
4310.	100.	100.	0.	45.
4311.	100.	100.	0.	40.
4312.	100.	100.	0.	39.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4313.	100.	100.	0.	47.
4321.	100.	100.	1.	45.
4333.	100.	100.	2.	47.
4348.	100.	100.	1.	46.
4349.	100.	100.	4.	30.
4350.	100.	100.	3.	28.
4351.	100.	100.	1.	37.
4352.	100.	100.	1.	41.
4353.	100.	100.	1.	41.
4354.	100.	100.	1.	38.
4355.	100.	100.	0.	35.
4356.	100.	100.	1.	40.
4359.	100.	71.	11.	50.
4360.	100.	90.	11.	45.
4361.	100.	100.	12.	33.
4362.	100.	100.	12.	24.
4363.	100.	100.	13.	17.
4364.	100.	100.	14.	11.
4365.	100.	100.	14.	12.
4366.	100.	100.	12.	24.
4367.	100.	100.	11.	33.
4368.	100.	100.	10.	37.
4369.	100.	98.	10.	37.
4370.	100.	100.	4.	46.
4383.	100.	100.	6.	44.
4404.	100.	100.	0.	48.
4410.	35.	99.	5.	36.
4411.	83.	88.	6.	16.
4412.	100.	100.	3.	12.
4413.	100.	100.	5.	11.
4414.	91.	100.	7.	9.
4415.	100.	100.	7.	8.
4416.	100.	100.	6.	9.
4417.	80.	100.	8.	12.
4418.	54.	95.	9.	18.
4419.	80.	100.	5.	26.
4447.	100.	100.	1.	40.
4448.	100.	100.	5.	28.
4449.	100.	100.	7.	30.
4450.	29.	59.	12.	36.
4451.	28.	35.	10.	36.
4452.	100.	100.	2.	38.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4453.	100.	80.	6.	35.
4454.	100.	64.	13.	25.
4455.	94.	96.	13.	16.
4456.	72.	59.	11.	29.
4457.	100.	81.	6.	40.
4458.	100.	74.	7.	43.
4459.	100.	100.	1.	47.
4462.	61.	100.	4.	38.
4463.	43.	79.	9.	31.
4464.	44.	67.	10.	28.
4465.	57.	79.	9.	26.
4466.	47.	71.	11.	32.
4467.	57.	77.	12.	27.
4468.	56.	79.	12.	30.
4471.	51.	100.	8.	29.
4472.	52.	70.	11.	23.
4473.	53.	72.	9.	24.
4475.	100.	83.	6.	44.
4476.	44.	74.	6.	32.
4477.	100.	100.	4.	41.
4478.	100.	100.	1.	40.
4479.	100.	100.	2.	31.
4480.	100.	100.	3.	30.
4481.	100.	100.	0.	32.
4482.	100.	100.	2.	25.
4483.	100.	100.	2.	16.
4484.	100.	100.	1.	14.
4485.	100.	65.	15.	18.
4486.	100.	77.	13.	21.
4487.	100.	81.	11.	31.
4488.	100.	100.	4.	49.
4492.	100.	100.	6.	33.
4493.	100.	76.	15.	16.
4494.	100.	100.	12.	24.
4495.	100.	100.	4.	48.
4497.	100.	50.	13.	38.
4498.	100.	76.	14.	27.
4499.	100.	84.	11.	28.
4500.	100.	74.	11.	30.
4501.	100.	76.	11.	30.
4502.	100.	90.	12.	25.
4503.	100.	90.	12.	22.
4504.	100.	100.	5.	42.
4506.	100.	100.	5.	47.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4507.	100.	100.	11.	33.
4508.	100.	94.	11.	28.
4509.	100.	100.	10.	40.
4510.	100.	100.	3.	50.
4515.	100.	57.	12.	44.
4516.	100.	74.	13.	27.
4517.	100.	88.	13.	21.
4518.	100.	91.	11.	38.
4519.	100.	100.	5.	45.
4520.	100.	100.	6.	40.
4521.	100.	100.	6.	41.
4522.	100.	79.	12.	44.
4523.	100.	97.	11.	38.
4527.	100.	100.	11.	31.
4528.	100.	100.	11.	28.
4529.	100.	92.	12.	23.
4530.	100.	100.	11.	32.
4531.	100.	100.	5.	44.
4536.	100.	100.	14.	15.
4537.	100.	100.	14.	11.
4538.	100.	100.	14.	13.
4539.	100.	100.	13.	19.
4540.	100.	100.	11.	31.
4541.	100.	100.	10.	36.
4542.	100.	100.	5.	42.
4543.	100.	100.	5.	43.
4549.	100.	100.	4.	43.
4550.	100.	100.	13.	30.
4551.	85.	100.	13.	18.
4552.	50.	97.	12.	22.
4553.	33.	45.	15.	24.
4554.	50.	100.	7.	23.
4555.	93.	100.	5.	14.
4556.	100.	99.	7.	9.
4557.	100.	68.	13.	16.
4558.	100.	89.	13.	18.
4559.	100.	93.	13.	19.
4560.	100.	100.	13.	16.
4561.	100.	100.	13.	18.
4562.	100.	100.	10.	39.
4563.	100.	100.	6.	40.
4564.	100.	100.	10.	34.
4565.	100.	100.	11.	31.
4569.	100.	84.	13.	26.
4570.	100.	84.	13.	20.



ENSERCH EXPLORATION INC,----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4571.	100.	84.	12.	23.
4572.	100.	100.	10.	37.
4573.	100.	99.	10.	38.
4574.	100.	100.	4.	46.
4575.	100.	100.	6.	41.
4576.	100.	97.	13.	29.
4577.	100.	100.	14.	13.
4578.	100.	100.	13.	16.
4579.	100.	100.	11.	29.
4580.	100.	100.	10.	39.
4581.	100.	100.	10.	37.
4582.	100.	100.	10.	35.
4583.	100.	100.	4.	45.
4588.	100.	100.	3.	40.
4589.	100.	100.	4.	31.
4590.	100.	100.	4.	41.
4595.	100.	100.	1.	44.
4596.	100.	100.	1.	47.
4615.	100.	75.	13.	37.
4616.	100.	82.	13.	25.
4617.	100.	90.	13.	21.
4618.	100.	87.	13.	20.
4619.	100.	82.	14.	14.
4620.	100.	86.	13.	17.
4621.	100.	91.	11.	33.
4622.	100.	100.	5.	41.
4623.	100.	100.	5.	43.
4624.	100.	93.	11.	32.
4628.	100.	100.	1.	40.
4629.	100.	100.	0.	34.
4630.	100.	100.	0.	30.
4631.	100.	100.	0.	30.
4632.	100.	100.	0.	38.
4633.	100.	100.	0.	43.
4634.	100.	100.	0.	42.
4635.	100.	100.	1.	39.
4636.	100.	100.	1.	35.
4637.	100.	100.	1.	30.
4638.	100.	100.	1.	39.
4639.	100.	100.	0.	32.
4640.	100.	100.	2.	26.
4641.	100.	100.	6.	29.
4643.	100.	100.	3.	28.
4644.	100.	100.	4.	17.
4645.	100.	100.	2.	45.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4647.	100.	100.	2.	34.
4648.	100.	90.	6.	7.
4649.	100.	100.	6.	5.
4650.	100.	100.	5.	8.
4651.	61.	75.	6.	11.
4652.	100.	100.	4.	22.
4660.	53.	55.	10.	40.
4661.	100.	100.	3.	47.
4662.	100.	100.	2.	48.
4663.	100.	100.	2.	41.
4664.	100.	100.	1.	36.
4665.	100.	100.	0.	32.
4666.	100.	100.	1.	40.
4667.	100.	100.	1.	46.
4671.	100.	72.	11.	50.
4677.	100.	100.	6.	43.
4678.	100.	100.	13.	16.
4679.	100.	97.	13.	17.
4680.	100.	100.	5.	45.
4691.	100.	100.	1.	45.
4692.	100.	100.	0.	42.
4693.	100.	100.	3.	37.
4694.	66.	96.	6.	38.
4695.	100.	100.	1.	47.
4708.	100.	100.	1.	48.
4709.	100.	100.	5.	15.
4710.	100.	98.	8.	8.
4711.	100.	96.	9.	7.
4712.	91.	94.	10.	7.
4713.	98.	87.	11.	7.
4714.	100.	93.	11.	7.
4715.	100.	96.	10.	8.
4716.	100.	92.	10.	11.
4717.	100.	84.	10.	16.
4718.	100.	100.	5.	29.
4719.	100.	100.	2.	25.
4720.	100.	100.	1.	27.
4730.	100.	100.	1.	45.
4731.	100.	100.	1.	42.
4732.	100.	100.	0.	48.
4733.	100.	100.	0.	49.
4734.	100.	100.	0.	49.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4739.	100.	100.	3.	36.
4740.	100.	100.	0.	27.
4741.	100.	100.	0.	48.
4749.	100.	100.	0.	44.
4750.	100.	100.	0.	34.
4751.	100.	100.	1.	39.
4752.	100.	100.	0.	50.
4756.	100.	100.	3.	44.
4757.	100.	100.	1.	30.
4758.	100.	100.	3.	15.
4759.	100.	100.	4.	11.
4760.	100.	95.	4.	22.
4761.	100.	41.	12.	40.
4764.	100.	100.	5.	41.
4771.	100.	100.	5.	46.
4772.	100.	100.	4.	44.
4775.	100.	100.	4.	48.
4776.	100.	100.	3.	41.
4777.	100.	100.	3.	34.
4778.	42.	32.	13.	26.
4779.	100.	50.	11.	50.
4781.	100.	100.	4.	47.
4783.	100.	87.	6.	49.
4787.	100.	88.	6.	39.
4788.	100.	100.	0.	29.
4789.	100.	100.	0.	34.
4790.	100.	100.	0.	36.
4795.	100.	100.	0.	40.
4796.	100.	100.	0.	48.
4805.	100.	79.	6.	18.
4806.	100.	88.	4.	12.
4807.	100.	100.	1.	23.
4818.	100.	100.	5.	29.
4819.	100.	100.	3.	17.
4820.	100.	100.	1.	13.
4821.	100.	100.	1.	17.
4822.	100.	100.	2.	21.
4823.	100.	100.	3.	17.
4824.	100.	100.	4.	12.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4825.	100.	95.	5.	19.
4826.	60.	73.	8.	27.
4827.	96.	100.	6.	37.
4828.	100.	100.	5.	34.
4829.	100.	100.	0.	34.
4830.	100.	100.	0.	42.
4832.	100.	100.	0.	47.
4833.	100.	100.	0.	42.
4834.	100.	100.	0.	37.
4835.	100.	100.	0.	33.
4836.	100.	100.	0.	36.
4839.	100.	100.	4.	47.
4840.	100.	100.	5.	42.
4841.	100.	95.	11.	36.
4842.	100.	100.	10.	36.
4843.	100.	100.	4.	49.
4851.	95.	89.	6.	24.
4852.	72.	72.	6.	14.
4853.	27.	81.	5.	32.
4861.	100.	100.	2.	48.
4862.	100.	100.	4.	46.
4863.	100.	100.	2.	42.
4864.	100.	100.	0.	43.
4865.	100.	100.	0.	48.
4866.	100.	100.	0.	50.
4867.	100.	100.	0.	43.
4868.	100.	100.	0.	39.
4869.	100.	100.	0.	38.
4870.	100.	100.	1.	39.
4871.	100.	100.	0.	40.
4872.	100.	100.	0.	44.
4873.	100.	100.	0.	39.
4874.	100.	100.	1.	39.
4875.	100.	100.	0.	42.
4877.	100.	100.	2.	47.
4878.	100.	100.	2.	28.
4879.	100.	100.	0.	36.
4880.	100.	100.	1.	40.
4881.	100.	100.	0.	44.
4890.	100.	100.	0.	46.
4891.	100.	100.	0.	40.
4892.	96.	100.	4.	38.
4895.	100.	82.	7.	45.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL %	RT %	POROSITY %	SHALE %

4896.	83.	100.	5.	33.
4897.	100.	100.	2.	23.
4898.	100.	100.	1.	21.
4899.	100.	100.	5.	17.
4900.	100.	88.	6.	16.
4901.	100.	100.	6.	14.
4902.	100.	100.	4.	13.
4903.	100.	100.	5.	12.
4904.	100.	100.	5.	14.
4905.	100.	100.	4.	20.
4906.	96.	66.	7.	24.
4907.	90.	59.	8.	20.
4908.	95.	76.	9.	15.
4909.	84.	75.	10.	16.
4910.	83.	63.	12.	13.
4911.	78.	57.	13.	8.
4912.	67.	55.	13.	7.
4913.	77.	67.	10.	7.
4914.	81.	60.	11.	7.
4915.	76.	50.	12.	8.
4916.	77.	54.	11.	9.
4917.	82.	54.	11.	10.
4918.	76.	61.	10.	12.
4919.	78.	62.	9.	15.
4920.	100.	69.	9.	13.
4921.	100.	83.	7.	14.
4922.	95.	67.	9.	17.
4923.	87.	61.	10.	17.
4924.	90.	57.	11.	16.
4925.	76.	51.	12.	18.
4926.	67.	48.	12.	21.
4927.	70.	55.	10.	19.
4928.	57.	61.	10.	27.

4942.	100.	86.	4.	49.
4943.	71.	100.	3.	30.
4944.	100.	100.	2.	22.
4945.	100.	100.	3.	37.

4951.	100.	100.	2.	49.
4952.	100.	100.	0.	27.
4953.	100.	100.	1.	25.
4954.	100.	100.	0.	45.

4959.	100.	100.	3.	49.
4960.	100.	87.	6.	19.
4961.	100.	100.	4.	18.
4962.	100.	100.	4.	27.
4963.	100.	100.	4.	29.
4964.	100.	100.	5.	24.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
4965.	100.	100.	3.	14.
4966.	100.	100.	4.	15.
4967.	36.	89.	5.	38.
4972.	100.	100.	1.	21.
4973.	100.	100.	1.	20.
4974.	100.	100.	0.	35.
4975.	100.	100.	0.	42.
4976.	82.	100.	3.	36.
4977.	100.	100.	1.	45.
4978.	100.	100.	0.	46.
4979.	100.	100.	0.	35.
4980.	100.	100.	1.	28.
4982.	100.	100.	2.	39.
4983.	100.	100.	3.	21.
4984.	100.	100.	2.	24.
4985.	100.	100.	1.	49.
5002.	100.	100.	0.	32.
5003.	100.	100.	0.	24.
5008.	100.	100.	1.	37.
5009.	100.	100.	1.	43.
5010.	100.	100.	4.	39.
5011.	100.	100.	2.	48.
5012.	100.	100.	2.	49.
5013.	100.	100.	3.	32.
5017.	100.	58.	12.	38.
5018.	100.	100.	0.	29.
5019.	100.	100.	0.	49.
5021.	100.	100.	0.	37.
5022.	100.	100.	1.	29.
5031.	74.	62.	10.	40.
5032.	100.	61.	13.	19.
5033.	100.	94.	13.	17.
5034.	100.	100.	11.	29.
5035.	100.	100.	3.	46.
5036.	100.	100.	0.	45.
5043.	100.	100.	0.	44.
5049.	100.	100.	5.	47.
5050.	100.	100.	0.	38.
5060.	100.	100.	5.	39.
5061.	100.	100.	5.	34.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5062.	100.	100.	0.	43.
5068.	100.	100.	2.	20.
5069.	100.	100.	2.	17.
5070.	100.	100.	2.	35.
5075.	100.	100.	0.	39.
5076.	100.	100.	0.	34.
5077.	100.	100.	0.	36.
5089.	100.	100.	0.	38.
5090.	100.	100.	1.	23.
5091.	100.	100.	3.	15.
5092.	100.	100.	3.	13.
5093.	100.	100.	3.	19.
5094.	100.	100.	1.	25.
5095.	100.	100.	0.	22.
5096.	100.	100.	0.	28.
5097.	100.	100.	0.	44.
5101.	100.	100.	0.	39.
5102.	100.	100.	0.	22.
5103.	100.	100.	0.	37.
5104.	100.	100.	1.	49.
5105.	100.	100.	0.	44.
5114.	100.	100.	0.	40.
5115.	100.	100.	0.	32.
5116.	100.	100.	0.	45.
5118.	100.	100.	1.	39.
5119.	100.	100.	3.	20.
5120.	100.	100.	3.	21.
5124.	100.	100.	0.	48.
5135.	100.	100.	1.	46.
5136.	100.	100.	1.	40.
5137.	100.	100.	1.	42.
5138.	100.	100.	0.	20.
5139.	100.	100.	0.	16.
5141.	100.	100.	0.	45.
5142.	100.	100.	0.	32.
5143.	100.	100.	0.	28.
5144.	100.	100.	0.	24.
5145.	100.	100.	0.	25.
5146.	100.	100.	0.	27.
5147.	100.	100.	1.	28.
5148.	100.	100.	2.	29.



ENSERCH EXPLORATION INC.,---WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES---14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5149.	100.	100.	1.	43.
5152.	100.	100.	0.	39.
5153.	100.	100.	0.	32.
5167.	100.	89.	5.	23.
5168.	100.	100.	2.	26.
5172.	100.	100.	0.	44.
5173.	100.	100.	0.	31.
5174.	100.	100.	0.	29.
5175.	100.	100.	0.	28.
5176.	100.	100.	0.	28.
5177.	100.	100.	0.	24.
5178.	100.	100.	2.	18.
5179.	100.	100.	0.	47.
5182.	100.	100.	0.	40.
5185.	100.	100.	1.	41.
5186.	100.	100.	0.	40.
5187.	100.	100.	1.	35.
5190.	100.	100.	1.	37.
5191.	100.	100.	4.	36.
5192.	100.	100.	4.	36.
5193.	100.	100.	1.	31.
5199.	100.	100.	1.	42.
5200.	100.	100.	0.	45.
5203.	100.	100.	3.	39.
5204.	55.	67.	6.	28.
5205.	56.	58.	8.	18.
5206.	63.	40.	13.	18.
5212.	100.	100.	3.	27.
5213.	100.	100.	4.	20.
5214.	100.	100.	1.	19.
5215.	100.	100.	3.	19.
5216.	100.	100.	2.	31.
5219.	100.	100.	3.	48.
5223.	100.	100.	0.	38.
5224.	100.	100.	0.	34.
5225.	100.	100.	0.	35.
5226.	100.	100.	0.	46.
5227.	100.	100.	3.	38.
5228.	100.	100.	1.	44.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL	RT		
	%	%		

5235.	100.	100.	0.	28.
5236.	83.	100.	3.	38.

5240.	100.	100.	0.	41.
5241.	100.	52.	12.	40.
5242.	100.	64.	12.	42.
5243.	100.	100.	6.	44.
5244.	45.	27.	12.	26.
5245.	100.	100.	1.	13.
5246.	100.	100.	1.	9.
5247.	100.	100.	0.	44.

5252.	100.	71.	7.	36.
5253.	100.	68.	6.	24.
5254.	100.	100.	2.	41.

5257.	100.	100.	6.	45.
5258.	59.	33.	14.	31.
5259.	73.	40.	14.	26.
5260.	100.	70.	12.	30.
5261.	100.	64.	10.	34.
5262.	71.	29.	13.	31.
5263.	100.	100.	1.	26.
5264.	100.	100.	1.	24.
5265.	100.	100.	2.	43.

5269.	100.	100.	1.	49.
5270.	100.	100.	0.	36.
5271.	100.	100.	0.	40.

5292.	100.	100.	3.	42.
5293.	100.	100.	1.	43.
5294.	100.	100.	0.	42.
5295.	100.	100.	0.	40.
5296.	100.	100.	0.	40.

5303.	100.	100.	2.	41.
-------	------	------	----	-----

5308.	100.	100.	0.	46.
5309.	100.	100.	0.	28.
5310.	100.	100.	0.	25.
5311.	100.	100.	0.	24.
5312.	100.	100.	1.	23.
5313.	100.	100.	2.	26.

5316.	100.	73.	12.	24.
5317.	64.	60.	16.	9.
5318.	100.	100.	4.	20.



ENSERCH EXPLORATION INC,----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5324.	100.	100.	3.	27.
5325.	100.	100.	0.	9.
5326.	100.	100.	0.	3.
5327.	100.	84.	4.	2.
5328.	100.	100.	3.	3.
5329.	100.	100.	2.	3.
5330.	100.	100.	2.	2.
5331.	100.	100.	4.	6.
5332.	71.	68.	7.	10.
5333.	77.	62.	8.	9.
5334.	98.	75.	7.	7.
5335.	100.	82.	6.	7.
5336.	100.	81.	6.	8.
5337.	100.	80.	6.	4.
5338.	77.	54.	10.	2.
5339.	71.	54.	10.	4.
5340.	72.	52.	10.	3.
5341.	52.	38.	13.	1.
5342.	43.	40.	13.	1.
5343.	55.	46.	12.	1.
5344.	58.	43.	13.	2.
5345.	73.	53.	10.	5.
5346.	77.	59.	9.	8.
5347.	62.	49.	10.	6.
5348.	86.	67.	8.	5.
5349.	100.	91.	6.	5.
5350.	100.	100.	5.	3.
5351.	90.	77.	6.	2.
5352.	75.	66.	7.	3.
5353.	67.	52.	9.	2.
5354.	67.	50.	9.	2.
5355.	92.	69.	7.	2.
5356.	81.	97.	5.	11.
5357.	100.	100.	1.	45.
5367.	100.	100.	0.	43.
5368.	100.	100.	0.	41.
5369.	100.	100.	0.	41.
5370.	100.	100.	0.	46.
5371.	100.	100.	0.	49.
5373.	100.	100.	1.	41.
5374.	100.	100.	0.	25.
5375.	100.	100.	0.	37.
5376.	100.	100.	1.	48.
5377.	100.	100.	5.	38.
5378.	100.	100.	2.	31.
5379.	100.	100.	0.	28.
5380.	100.	100.	0.	36.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5382.	100.	100.	0.	35.
5383.	100.	100.	0.	21.
5384.	100.	100.	0.	27.
5387.	100.	79.	5.	49.
5388.	100.	89.	6.	23.
5389.	100.	100.	3.	25.
5390.	100.	100.	2.	31.
5391.	100.	100.	0.	26.
5392.	100.	100.	0.	18.
5393.	100.	100.	0.	18.
5394.	100.	100.	0.	26.
5395.	100.	100.	0.	39.
5400.	48.	100.	3.	31.
5401.	100.	100.	2.	28.
5404.	100.	93.	7.	29.
5405.	100.	100.	3.	6.
5406.	56.	95.	3.	21.
5409.	100.	100.	0.	28.
5410.	100.	100.	0.	19.
5411.	100.	100.	0.	18.
5412.	100.	100.	0.	19.
5413.	100.	100.	0.	24.
5414.	100.	100.	1.	33.
5415.	100.	100.	2.	21.
5416.	100.	100.	0.	17.
5417.	100.	100.	0.	19.
5418.	100.	100.	0.	24.
5419.	100.	100.	0.	32.
5420.	100.	100.	0.	48.
5422.	100.	100.	0.	43.
5423.	100.	100.	0.	45.
5425.	100.	100.	0.	42.
5426.	100.	100.	0.	29.
5431.	100.	100.	0.	35.
5432.	100.	100.	0.	26.
5433.	100.	100.	0.	50.
5439.	100.	46.	12.	46.
5440.	100.	100.	0.	34.
5441.	100.	100.	0.	30.
5442.	100.	100.	0.	29.
5443.	100.	100.	0.	30.
5444.	100.	100.	0.	30.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5445.	100.	100.	0.	30.
5446.	100.	100.	0.	29.
5447.	100.	100.	0.	38.
5448.	100.	100.	1.	42.
5449.	100.	100.	0.	44.
5454.	77.	84.	5.	23.
5455.	100.	100.	1.	18.
5456.	100.	100.	0.	19.
5459.	100.	100.	2.	47.
5460.	100.	55.	10.	49.
5474.	100.	100.	2.	26.
5475.	100.	100.	0.	22.
5476.	100.	100.	0.	30.
5483.	100.	100.	2.	37.
5484.	100.	100.	1.	35.
5485.	100.	100.	1.	35.
5486.	100.	100.	1.	40.
5487.	100.	100.	0.	41.
5488.	100.	100.	0.	42.
5489.	100.	100.	0.	44.
5490.	100.	100.	0.	25.
5491.	100.	100.	1.	14.
5496.	100.	60.	12.	42.
5497.	61.	51.	13.	25.
5498.	77.	76.	6.	27.
5499.	100.	100.	0.	29.
5500.	100.	100.	0.	23.
5501.	100.	100.	0.	34.
5502.	100.	100.	0.	38.
5503.	100.	94.	5.	37.
5505.	100.	100.	1.	31.
5506.	100.	100.	0.	23.
5507.	100.	100.	0.	41.
5508.	100.	100.	0.	45.
5509.	100.	100.	0.	36.
5510.	100.	100.	0.	29.
5511.	100.	100.	1.	19.
5512.	100.	100.	1.	26.
5513.	100.	100.	2.	27.
5514.	100.	100.	2.	23.
5531.	100.	100.	5.	46.
5536.	100.	100.	4.	42.

ENSERCH EXPLORATION INC.,---WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES---14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5537.	100.	100.	1.	33.
5538.	100.	100.	0.	41.
5540.	100.	100.	4.	40.
5541.	100.	100.	1.	47.
5542.	100.	100.	0.	45.
5543.	100.	100.	4.	49.
5544.	100.	100.	4.	47.
5545.	100.	100.	4.	48.
5547.	100.	100.	3.	46.
5548.	100.	43.	12.	40.
5549.	77.	37.	14.	17.
5550.	100.	100.	2.	8.
5551.	100.	100.	1.	8.
5552.	100.	100.	1.	19.
5553.	100.	100.	1.	32.
5554.	100.	100.	1.	37.
5555.	100.	100.	0.	40.
5558.	100.	100.	0.	48.
5568.	100.	100.	0.	41.
5569.	100.	100.	3.	32.
5570.	100.	100.	2.	23.
5571.	100.	100.	1.	25.
5572.	100.	28.	12.	40.
5573.	100.	88.	5.	46.
5574.	94.	59.	13.	20.
5575.	100.	69.	14.	14.
5576.	100.	74.	13.	19.
5577.	100.	56.	14.	28.
5578.	98.	52.	13.	31.
5579.	68.	43.	13.	31.
5580.	25.	33.	12.	36.
5583.	100.	100.	4.	50.
5584.	100.	100.	1.	49.
5587.	65.	43.	14.	33.
5588.	100.	74.	15.	11.
5589.	100.	86.	15.	8.
5590.	100.	86.	15.	5.
5591.	97.	86.	14.	15.
5592.	61.	65.	14.	22.
5593.	53.	55.	15.	17.
5594.	73.	60.	15.	9.
5595.	84.	74.	14.	13.
5596.	69.	71.	14.	14.
5597.	54.	55.	15.	16.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL %	RT %	POROSITY %	SHALE %

5598.	40.	48.	16.	20.
5599.	34.	50.	15.	22.
5600.	36.	67.	11.	21.
5601.	58.	100.	6.	18.
5602.	37.	85.	7.	19.
5603.	24.	44.	13.	20.
5604.	15.	43.	14.	31.
5605.	18.	52.	12.	36.
5606.	63.	61.	12.	33.
5607.	98.	63.	12.	32.
5608.	100.	100.	5.	44.
5609.	100.	75.	10.	39.
5610.	100.	79.	11.	30.
5611.	100.	81.	12.	22.
5612.	100.	86.	13.	20.
5613.	100.	90.	12.	26.
5614.	100.	65.	12.	31.
5615.	100.	55.	13.	31.
5616.	100.	53.	13.	29.
5617.	100.	56.	12.	33.
5618.	100.	50.	12.	43.
5619.	100.	49.	12.	40.
5620.	100.	61.	12.	32.
5621.	100.	87.	11.	33.

5625.	100.	100.	4.	43.
5626.	100.	52.	13.	25.
5627.	100.	100.	3.	23.
5628.	100.	100.	1.	28.
5629.	100.	100.	2.	31.
5630.	41.	35.	12.	34.
5631.	100.	100.	6.	48.
5632.	100.	100.	4.	48.
5633.	97.	74.	11.	39.
5634.	100.	100.	7.	40.
5635.	100.	100.	2.	42.
5636.	100.	100.	1.	44.
5637.	100.	100.	4.	38.
5638.	100.	100.	0.	26.
5639.	100.	100.	0.	34.
5640.	100.	100.	0.	34.
5641.	100.	100.	3.	14.
5642.	88.	83.	5.	9.
5643.	63.	68.	7.	11.
5644.	65.	79.	8.	13.
5645.	92.	97.	7.	11.
5646.	79.	81.	8.	11.
5647.	82.	94.	8.	13.
5648.	100.	98.	8.	10.
5649.	100.	87.	9.	4.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%

5650.	99.	81.	10.	7.
5651.	100.	82.	9.	9.
5652.	100.	85.	9.	4.
5653.	77.	71.	11.	4.
5654.	83.	82.	10.	7.
5655.	93.	90.	9.	6.
5656.	92.	90.	9.	4.
5657.	92.	85.	10.	4.
5658.	96.	83.	11.	4.
5659.	79.	83.	10.	15.
5660.	55.	58.	12.	23.
5661.	100.	51.	12.	43.

5666.	100.	100.	6.	41.
5667.	100.	70.	11.	38.
5668.	99.	64.	12.	39.
5669.	83.	43.	13.	34.
5670.	100.	100.	2.	25.
5671.	100.	100.	0.	19.
5672.	100.	100.	0.	17.
5673.	100.	100.	0.	27.
5674.	100.	100.	0.	35.
5675.	100.	100.	0.	24.
5676.	100.	100.	0.	16.
5677.	100.	100.	0.	14.
5678.	100.	100.	0.	25.

5688.	100.	100.	1.	42.
5689.	100.	100.	0.	30.
5690.	100.	100.	3.	22.
5691.	100.	100.	4.	21.
5692.	100.	100.	3.	22.
5693.	100.	100.	3.	21.
5694.	100.	100.	2.	17.
5695.	100.	100.	1.	19.
5696.	100.	100.	2.	15.
5697.	100.	100.	4.	14.
5698.	100.	100.	4.	15.
5699.	100.	100.	1.	15.
5700.	100.	100.	2.	12.
5701.	100.	100.	3.	9.
5702.	88.	100.	6.	7.
5703.	59.	89.	7.	5.
5704.	56.	75.	9.	3.
5705.	44.	68.	10.	5.
5706.	43.	72.	9.	9.
5707.	27.	90.	7.	23.
5708.	32.	90.	6.	35.
5709.	100.	100.	4.	34.
5710.	89.	100.	5.	30.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL %	RT %		
5714.	100.	100.	1.	50.
5715.	100.	100.	4.	30.
5716.	55.	62.	10.	23.
5717.	100.	100.	5.	43.
5719.	100.	100.	0.	40.
5720.	100.	100.	2.	28.
5721.	41.	40.	11.	37.
5726.	100.	100.	1.	41.
5727.	100.	100.	3.	39.
5732.	100.	62.	11.	35.
5733.	100.	68.	9.	12.
5734.	100.	94.	7.	8.
5735.	76.	89.	8.	10.
5736.	70.	79.	10.	11.
5737.	70.	73.	10.	10.
5738.	64.	64.	12.	8.
5739.	73.	70.	13.	7.
5740.	73.	81.	13.	9.
5741.	91.	100.	8.	10.
5742.	97.	100.	5.	9.
5743.	65.	63.	8.	9.
5744.	70.	66.	11.	8.
5745.	69.	64.	12.	6.
5746.	62.	62.	13.	5.
5747.	68.	61.	13.	8.
5748.	63.	59.	13.	8.
5749.	69.	60.	12.	7.
5750.	71.	64.	13.	5.
5751.	80.	73.	13.	6.
5752.	100.	89.	9.	9.
5753.	97.	68.	10.	10.
5754.	84.	61.	14.	7.
5755.	86.	66.	16.	4.
5756.	92.	76.	14.	5.
5757.	92.	72.	13.	6.
5758.	88.	60.	13.	6.
5759.	100.	70.	11.	5.
5760.	100.	70.	12.	5.
5761.	100.	70.	12.	4.
5762.	100.	69.	12.	5.
5763.	100.	73.	12.	5.
5764.	100.	78.	11.	4.
5765.	95.	82.	11.	9.
5766.	88.	77.	12.	13.
5767.	84.	64.	14.	8.
5768.	83.	62.	15.	6.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1373 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL	RT		
	%	%	%	%
5769.	100.	67.	15.	5.
5770.	100.	72.	14.	4.
5771.	90.	67.	15.	4.
5772.	81.	65.	16.	6.
5773.	63.	64.	17.	10.
5774.	54.	71.	17.	9.
5775.	51.	78.	16.	10.
5776.	54.	88.	15.	21.
5781.	100.	100.	5.	42.
5782.	72.	55.	12.	18.
5783.	96.	68.	10.	11.
5784.	77.	57.	13.	14.
5785.	100.	100.	7.	40.
5788.	100.	100.	7.	26.
5789.	77.	90.	8.	14.
5790.	77.	88.	8.	19.
5791.	87.	76.	7.	31.
5792.	100.	100.	3.	13.
5793.	100.	100.	3.	11.
5794.	100.	100.	3.	36.
5797.	100.	100.	2.	41.
5798.	100.	100.	2.	25.
5799.	100.	100.	4.	15.
5800.	76.	78.	9.	13.
5801.	36.	42.	15.	25.
5802.	46.	53.	12.	37.
5808.	100.	100.	2.	42.
5809.	100.	100.	1.	38.
5810.	100.	100.	0.	37.
5832.	100.	89.	7.	37.
5833.	100.	70.	9.	14.
5834.	100.	65.	10.	12.
5835.	94.	69.	10.	8.
5836.	93.	69.	10.	6.
5837.	100.	84.	9.	8.
5838.	100.	96.	7.	11.
5839.	100.	67.	9.	13.
5840.	100.	72.	9.	16.
5841.	100.	70.	10.	12.
5842.	85.	62.	12.	10.
5843.	74.	70.	12.	8.
5844.	75.	75.	12.	7.
5845.	81.	81.	11.	5.
5846.	89.	87.	10.	6.
5847.	86.	80.	10.	8.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5848.	89.	73.	12.	6.
5849.	84.	72.	12.	6.
5850.	87.	66.	13.	6.
5851.	85.	63.	13.	6.
5852.	87.	68.	12.	8.
5853.	90.	67.	11.	8.
5854.	100.	68.	11.	7.
5855.	100.	75.	10.	6.
5856.	99.	73.	10.	5.
5857.	100.	70.	11.	5.
5858.	100.	78.	10.	6.
5859.	100.	76.	10.	7.
5860.	100.	77.	10.	8.
5861.	94.	67.	11.	8.
5862.	87.	64.	12.	8.
5863.	89.	72.	11.	6.
5864.	100.	80.	11.	6.
5865.	100.	83.	10.	5.
5866.	99.	73.	11.	6.
5867.	100.	85.	9.	7.
5868.	100.	86.	9.	8.
5869.	94.	74.	10.	7.
5870.	97.	85.	10.	7.
5871.	100.	85.	11.	7.
5872.	100.	91.	10.	8.
5873.	100.	95.	8.	8.
5874.	100.	90.	7.	8.
5875.	100.	89.	7.	9.
5876.	100.	95.	7.	11.
5877.	100.	100.	5.	10.
5878.	100.	100.	6.	11.
5879.	90.	68.	10.	17.
5880.	100.	81.	9.	22.
5881.	100.	96.	7.	29.
5882.	100.	95.	7.	45.
5888.	79.	40.	13.	35.
5889.	84.	57.	7.	32.
5898.	100.	100.	0.	41.
5907.	100.	100.	5.	43.
5908.	89.	66.	10.	36.
5909.	73.	43.	8.	20.
5910.	100.	81.	4.	12.
5911.	100.	100.	2.	31.
5912.	100.	100.	3.	38.
5913.	100.	100.	3.	38.
5920.	100.	35.	12.	43.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
5921.	100.	45.	11.	49.
5924.	50.	40.	12.	36.
5925.	100.	100.	3.	32.
5926.	100.	100.	3.	28.
5927.	100.	100.	3.	29.
5928.	100.	100.	3.	28.
5932.	100.	100.	4.	47.
5933.	57.	41.	10.	37.
5934.	52.	39.	8.	35.
5935.	100.	49.	12.	41.
5936.	83.	50.	13.	30.
5937.	68.	51.	13.	35.
5950.	100.	100.	5.	45.
5959.	100.	100.	3.	44.
5960.	92.	71.	6.	26.
5961.	96.	100.	4.	24.
5962.	92.	100.	5.	20.
5963.	91.	100.	6.	14.
5964.	75.	78.	8.	10.
5965.	75.	85.	8.	13.
5966.	79.	77.	10.	11.
5967.	88.	77.	10.	7.
5968.	62.	65.	11.	17.
5969.	55.	53.	12.	34.
5979.	100.	58.	10.	38.
5980.	100.	48.	11.	49.
5999.	100.	100.	3.	28.
6000.	100.	83.	7.	16.
6001.	86.	79.	8.	9.
6002.	73.	69.	9.	9.
6003.	69.	62.	9.	11.
6004.	96.	83.	7.	9.
6005.	78.	73.	8.	6.
6006.	73.	61.	8.	6.
6007.	70.	65.	7.	11.
6008.	43.	63.	6.	23.
6009.	45.	42.	11.	37.
6017.	100.	89.	6.	41.
6018.	100.	94.	5.	17.
6019.	73.	71.	7.	14.
6020.	100.	45.	11.	40.
6027.	67.	44.	13.	34.



ENSERCH EXPLORATION INC,----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6028.	44.	28.	14.	18.
6029.	100.	97.	6.	44.
6037.	100.	67.	7.	13.
6038.	100.	93.	7.	10.
6039.	92.	73.	10.	7.
6040.	92.	72.	10.	4.
6041.	90.	69.	10.	4.
6042.	91.	89.	8.	8.
6043.	69.	63.	9.	24.
6044.	100.	47.	10.	40.
6045.	100.	41.	12.	38.
6046.	100.	100.	5.	43.
6047.	100.	100.	5.	44.
6050.	100.	86.	7.	33.
6051.	87.	89.	9.	12.
6052.	89.	93.	9.	8.
6053.	91.	92.	9.	8.
6054.	42.	56.	9.	38.
6066.	87.	60.	8.	23.
6067.	64.	66.	10.	17.
6068.	68.	80.	9.	17.
6069.	92.	91.	7.	19.
6070.	92.	82.	7.	18.
6071.	48.	72.	8.	32.
6089.	100.	100.	5.	42.
6090.	75.	77.	8.	24.
6091.	50.	71.	9.	26.
6092.	27.	58.	9.	39.
6096.	100.	80.	6.	20.
6097.	100.	84.	8.	8.
6098.	100.	93.	7.	10.
6099.	100.	93.	7.	11.
6100.	91.	71.	10.	11.
6101.	89.	72.	9.	11.
6102.	100.	100.	6.	11.
6103.	88.	75.	8.	8.
6104.	72.	58.	11.	8.
6105.	74.	64.	10.	8.
6106.	78.	71.	8.	11.
6107.	78.	67.	8.	12.
6108.	87.	74.	7.	10.
6109.	89.	74.	7.	8.
6110.	76.	82.	8.	24.
6113.	100.	100.	5.	42.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL	RT		
	%	%	%	%
6114.	67.	46.	10.	34.
6115.	100.	100.	0.	35.
6116.	48.	29.	13.	34.
6133.	100.	36.	12.	40.
6134.	54.	46.	9.	33.
6144.	100.	100.	2.	45.
6145.	100.	100.	1.	43.
6146.	100.	100.	1.	42.
6147.	100.	100.	2.	37.
6158.	100.	100.	5.	50.
6160.	100.	100.	4.	40.
6161.	58.	62.	9.	23.
6162.	51.	61.	9.	24.
6163.	52.	60.	9.	21.
6164.	54.	59.	9.	18.
6165.	45.	48.	12.	27.
6166.	100.	40.	11.	45.
6172.	100.	100.	5.	45.
6174.	100.	72.	6.	42.
6178.	100.	100.	5.	48.
6179.	100.	100.	4.	33.
6180.	100.	100.	3.	24.
6186.	100.	88.	6.	48.
6187.	100.	46.	9.	50.
6208.	100.	100.	3.	46.
6218.	100.	100.	0.	49.
6221.	100.	100.	4.	46.
6222.	79.	65.	5.	19.
6223.	100.	100.	1.	31.
6226.	85.	74.	7.	35.
6227.	89.	73.	7.	24.
6228.	100.	100.	0.	47.
6235.	82.	90.	5.	27.
6236.	96.	90.	4.	18.
6237.	100.	100.	2.	17.
6238.	100.	86.	4.	19.
6239.	54.	64.	8.	24.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS NLL %	RT %	POROSITY %	VOLUME SHALE %
6240.	83.	100.	5.	33.
6241.	100.	100.	2.	43.
6248.	62.	80.	5.	38.
6249.	85.	97.	5.	25.
6250.	70.	96.	6.	23.
6251.	70.	71.	7.	31.
6252.	100.	62.	8.	42.
6259.	100.	100.	3.	41.
6260.	100.	100.	4.	23.
6261.	93.	91.	5.	21.
6288.	100.	100.	0.	44.
6289.	100.	100.	0.	40.
6290.	100.	100.	0.	36.
6293.	100.	100.	5.	34.
6294.	91.	79.	7.	15.
6295.	73.	83.	7.	10.
6296.	68.	97.	7.	10.
6297.	62.	100.	7.	8.
6298.	58.	85.	9.	6.
6299.	34.	68.	9.	19.
6316.	91.	45.	10.	33.
6317.	100.	75.	6.	33.
6318.	100.	100.	3.	38.
6319.	100.	100.	2.	28.
6320.	72.	75.	7.	23.
6321.	49.	63.	9.	27.
6322.	59.	68.	8.	31.
6323.	64.	71.	7.	25.
6324.	46.	55.	9.	23.
6325.	32.	57.	8.	29.
6328.	100.	100.	5.	48.
6329.	100.	51.	7.	15.
6330.	100.	100.	2.	15.
6331.	100.	100.	0.	48.
6333.	100.	72.	5.	36.
6340.	100.	100.	4.	41.
6341.	100.	100.	4.	32.
6342.	100.	100.	1.	50.
6358.	100.	100.	1.	43.
6360.	100.	100.	2.	45.

ENSERCH EXPLORATION INC,----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6361.	100.	94.	5.	26.
6375.	100.	100.	1.	42.
6376.	100.	100.	0.	41.
6385.	100.	100.	2.	36.
6386.	100.	100.	1.	20.
6397.	100.	100.	2.	43.
6398.	100.	89.	5.	37.
6399.	100.	100.	4.	35.
6400.	100.	100.	0.	46.
6420.	100.	100.	5.	36.
6421.	100.	100.	2.	40.
6427.	100.	100.	3.	22.
6428.	100.	90.	5.	12.
6429.	100.	74.	5.	14.
6430.	100.	100.	2.	43.
6442.	100.	100.	2.	48.
6445.	100.	100.	2.	49.
6446.	94.	100.	5.	32.
6449.	100.	100.	6.	40.
6450.	33.	68.	11.	29.
6451.	42.	55.	13.	12.
6452.	54.	52.	13.	11.
6453.	50.	60.	11.	19.
6454.	48.	60.	10.	17.
6455.	56.	55.	11.	8.
6456.	51.	49.	11.	8.
6457.	46.	49.	11.	9.
6458.	41.	46.	12.	9.
6459.	46.	46.	11.	9.
6460.	46.	44.	11.	10.
6461.	43.	46.	10.	10.
6462.	55.	49.	10.	7.
6463.	73.	54.	9.	8.
6464.	49.	61.	7.	21.
6465.	71.	61.	6.	11.
6466.	100.	61.	6.	4.
6467.	100.	85.	5.	6.
6468.	65.	54.	9.	7.
6469.	65.	57.	10.	7.
6470.	69.	60.	10.	7.
6471.	71.	62.	10.	8.
6472.	67.	65.	11.	8.



ENSERCH EXPLORATION INC.,----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6473.	59.	60.	13.	10.
6474.	57.	46.	14.	9.
6475.	65.	52.	11.	9.
6476.	71.	68.	8.	9.
6477.	74.	62.	9.	7.
6478.	68.	70.	8.	11.
6479.	59.	63.	10.	14.
6480.	52.	59.	10.	29.
6481.	100.	98.	6.	43.
6482.	89.	100.	5.	34.
6483.	89.	88.	8.	23.
6484.	100.	100.	6.	32.
6507.	100.	100.	1.	46.
6508.	100.	63.	6.	31.
6509.	100.	53.	11.	50.
6514.	100.	100.	2.	49.
6518.	100.	100.	1.	42.
6542.	100.	100.	4.	46.
6543.	100.	100.	4.	45.
6544.	100.	100.	3.	44.
6545.	69.	100.	8.	36.
6546.	78.	100.	9.	19.
6547.	100.	100.	7.	19.
6548.	100.	100.	7.	19.
6549.	95.	100.	8.	18.
6550.	94.	100.	8.	19.
6551.	56.	98.	9.	31.
6562.	100.	100.	0.	45.
6563.	100.	100.	1.	48.
6572.	62.	85.	8.	35.
6573.	83.	100.	6.	36.
6574.	100.	100.	2.	45.
6575.	100.	100.	2.	43.
6576.	65.	89.	9.	15.
6577.	44.	69.	11.	13.
6578.	55.	81.	9.	13.
6579.	61.	82.	8.	13.
6580.	69.	99.	7.	15.
6581.	41.	80.	9.	26.
6603.	100.	100.	1.	49.
6610.	100.	100.	1.	38.
6611.	100.	100.	1.	33.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL. BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6653.	100.	100.	2.	39.
6662.	100.	100.	2.	18.
6663.	100.	85.	5.	12.
6664.	100.	100.	5.	11.
6665.	72.	73.	8.	10.
6666.	53.	54.	10.	8.
6667.	76.	72.	8.	9.
6668.	90.	83.	7.	10.
6669.	93.	82.	7.	10.
6670.	95.	97.	6.	9.
6671.	69.	69.	8.	10.
6672.	63.	63.	9.	11.
6673.	57.	60.	10.	11.
6674.	63.	62.	9.	10.
6675.	58.	62.	10.	15.
6676.	64.	64.	9.	16.
6677.	64.	70.	9.	16.
6678.	38.	75.	8.	35.
6680.	100.	100.	4.	49.
6681.	65.	86.	7.	18.
6682.	66.	78.	7.	15.
6683.	52.	70.	8.	18.
6684.	56.	77.	8.	18.
6685.	71.	68.	9.	15.
6686.	59.	51.	11.	14.
6687.	54.	51.	11.	18.
6688.	59.	53.	11.	16.
6689.	61.	61.	10.	12.
6690.	69.	72.	9.	13.
6691.	59.	68.	9.	14.
6692.	64.	62.	10.	13.
6693.	69.	64.	9.	12.
6694.	57.	49.	11.	11.
6695.	56.	47.	12.	11.
6696.	59.	48.	12.	11.
6697.	59.	51.	11.	11.
6698.	58.	52.	11.	9.
6699.	55.	48.	12.	8.
6700.	64.	49.	11.	9.
6701.	67.	56.	10.	10.
6702.	57.	52.	11.	12.
6703.	62.	51.	11.	11.
6704.	49.	49.	11.	12.
6705.	54.	56.	10.	13.
6706.	66.	51.	12.	13.
6707.	79.	71.	9.	33.



ENSERCH EXPLORATION INC.,---WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES---14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6724.	100.	100.	2.	42.
6725.	100.	100.	4.	32.
6726.	100.	100.	3.	27.
6727.	100.	100.	3.	31.
6728.	100.	100.	5.	37.
6729.	76.	100.	6.	32.
6730.	87.	100.	7.	23.
6731.	95.	100.	7.	23.
6732.	84.	100.	7.	30.
6733.	100.	100.	6.	30.
6734.	100.	100.	5.	26.
6735.	100.	100.	4.	35.
6736.	100.	100.	4.	37.
6737.	79.	100.	6.	27.
6738.	88.	95.	7.	20.
6739.	84.	92.	7.	21.
6740.	65.	78.	9.	23.
6741.	65.	68.	10.	21.
6742.	56.	57.	11.	26.
6743.	53.	60.	10.	32.
6744.	100.	96.	6.	19.
6745.	100.	100.	5.	13.
6746.	100.	100.	6.	18.
6747.	80.	100.	7.	21.
6748.	67.	77.	9.	17.
6749.	71.	81.	8.	23.
6750.	88.	100.	5.	27.
6751.	100.	100.	4.	23.
6752.	100.	100.	6.	28.
6753.	100.	93.	7.	18.
6754.	75.	68.	9.	9.
6755.	82.	75.	8.	8.
6756.	86.	89.	6.	13.
6757.	59.	64.	9.	16.
6758.	67.	70.	8.	14.
6759.	100.	100.	6.	15.
6760.	69.	89.	8.	18.
6761.	56.	72.	11.	16.
6762.	58.	86.	10.	17.
6763.	81.	100.	7.	20.
6764.	77.	80.	7.	25.
6765.	86.	78.	7.	27.
6766.	71.	69.	9.	21.
6767.	56.	83.	10.	22.
6768.	60.	73.	10.	25.
6769.	57.	64.	9.	31.
6770.	74.	65.	9.	17.
6771.	61.	59.	11.	15.
6772.	67.	59.	10.	14.
6773.	68.	67.	9.	11.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL	RT		
	%	%	%	%
6774.	56.	53.	12.	14.
6775.	56.	45.	14.	26.
6805.	100.	100.	2.	40.
6814.	100.	94.	5.	29.
6815.	100.	100.	4.	42.
6839.	100.	100.	1.	46.
6840.	100.	100.	5.	37.
6841.	100.	100.	2.	35.
6842.	100.	100.	2.	41.
6843.	96.	75.	9.	16.
6844.	84.	85.	8.	10.
6845.	83.	100.	7.	13.
6846.	64.	82.	9.	14.
6847.	51.	69.	11.	14.
6848.	60.	75.	11.	15.
6849.	94.	62.	10.	12.
6850.	100.	63.	7.	9.
6851.	100.	100.	2.	12.
6852.	100.	100.	4.	25.
6853.	81.	100.	7.	37.
6854.	85.	100.	8.	32.
6868.	100.	100.	2.	40.
6869.	100.	100.	2.	30.
6899.	100.	100.	0.	46.
6900.	100.	100.	1.	42.
6901.	100.	100.	0.	49.
6902.	100.	100.	1.	43.
6903.	100.	100.	3.	30.
6904.	100.	100.	4.	15.
6905.	100.	100.	3.	11.
6906.	90.	100.	4.	23.
6907.	77.	100.	5.	31.
6908.	100.	100.	1.	36.
6909.	100.	100.	0.	39.
6910.	100.	93.	6.	17.
6911.	65.	53.	10.	11.
6912.	40.	59.	9.	25.
6928.	100.	100.	1.	42.
6929.	93.	100.	5.	24.
6930.	78.	100.	4.	27.
6931.	100.	100.	5.	44.
6936.	100.	100.	0.	47.
6937.	100.	100.	4.	40.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6938.	85.	100.	4.	34.
6939.	100.	100.	3.	39.
6940.	100.	100.	7.	23.
6941.	100.	100.	6.	17.
6942.	100.	100.	6.	15.
6943.	100.	100.	5.	24.
6944.	100.	100.	4.	34.
6945.	100.	100.	3.	37.
6946.	100.	100.	3.	30.
6947.	100.	100.	2.	32.
6948.	100.	100.	3.	25.
6949.	100.	100.	6.	19.
6950.	100.	100.	6.	17.
6951.	92.	100.	6.	26.
6952.	83.	85.	7.	22.
6953.	66.	76.	7.	15.
6954.	90.	100.	5.	18.
6955.	59.	69.	8.	18.
6956.	57.	64.	9.	18.
6957.	77.	90.	6.	19.
6958.	61.	84.	6.	22.
6959.	53.	49.	10.	14.
6960.	45.	48.	11.	11.
6961.	47.	50.	11.	9.
6962.	68.	75.	8.	8.
6963.	82.	77.	8.	8.
6964.	60.	58.	10.	6.
6965.	63.	58.	10.	5.
6966.	62.	57.	10.	7.
6967.	58.	56.	10.	8.
6968.	49.	51.	11.	7.
6969.	55.	63.	9.	12.
6970.	56.	61.	10.	22.
6971.	56.	51.	11.	19.
6972.	50.	47.	12.	21.
6973.	96.	89.	7.	25.
6974.	100.	100.	6.	18.
6975.	95.	79.	8.	17.
6976.	84.	67.	9.	17.
6977.	61.	54.	11.	17.
6978.	73.	56.	11.	14.
6979.	96.	83.	7.	23.
6986.	64.	100.	8.	36.
6987.	76.	92.	8.	28.
6988.	100.	100.	6.	25.
6989.	100.	100.	5.	26.
6990.	85.	100.	6.	25.
6991.	81.	100.	8.	27.
6992.	62.	99.	8.	29.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
6993.	95.	100.	7.	25.
6994.	100.	100.	7.	20.
6995.	100.	100.	4.	34.
7010.	100.	100.	3.	45.
7011.	100.	100.	5.	19.
7012.	100.	100.	3.	12.
7013.	100.	100.	4.	8.
7014.	97.	90.	6.	7.
7015.	100.	97.	5.	11.
7016.	100.	100.	2.	10.
7017.	60.	55.	9.	5.
7018.	55.	47.	11.	5.
7019.	56.	48.	11.	5.
7020.	63.	54.	10.	6.
7021.	60.	57.	9.	8.
7022.	43.	56.	10.	12.
7023.	55.	60.	9.	6.
7024.	71.	67.	8.	5.
7025.	57.	53.	10.	8.
7026.	55.	46.	11.	7.
7027.	52.	41.	12.	10.
7028.	52.	48.	10.	8.
7029.	65.	56.	8.	7.
7030.	75.	63.	8.	10.
7031.	65.	67.	8.	11.
7032.	57.	79.	7.	23.
7033.	82.	100.	5.	33.
7034.	100.	100.	2.	29.
7035.	100.	100.	0.	17.
7036.	100.	100.	3.	13.
7037.	100.	100.	4.	8.
7038.	94.	96.	5.	6.
7039.	64.	50.	9.	8.
7040.	78.	56.	9.	15.
7041.	77.	90.	7.	27.
7042.	100.	100.	5.	13.
7043.	100.	100.	4.	12.
7044.	100.	100.	5.	22.
7045.	100.	100.	3.	26.
7046.	100.	100.	1.	28.
7047.	100.	100.	0.	29.
7048.	100.	100.	1.	27.
7049.	100.	100.	4.	31.
7050.	100.	100.	3.	23.
7051.	100.	100.	4.	12.
7052.	71.	53.	10.	7.
7053.	100.	64.	8.	9.
7054.	100.	97.	6.	34.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL %	RT %	POROSITY %	SHALE %
7056.	100.	100.	2.	45.
7057.	100.	100.	3.	42.
7058.	100.	100.	1.	47.
7066.	100.	100.	0.	44.
7067.	100.	100.	5.	34.
7068.	45.	42.	11.	27.
7069.	67.	64.	8.	19.
7070.	59.	56.	10.	15.
7071.	54.	56.	11.	12.
7072.	75.	67.	9.	12.
7073.	89.	80.	8.	15.
7074.	100.	100.	6.	12.
7075.	100.	100.	4.	11.
7076.	77.	86.	8.	11.
7077.	100.	100.	6.	11.
7078.	100.	93.	7.	17.
7079.	100.	72.	8.	45.
7087.	100.	100.	3.	37.
7088.	100.	100.	3.	19.
7089.	100.	100.	0.	12.
7090.	100.	100.	0.	12.
7091.	100.	100.	0.	23.
7094.	100.	100.	3.	49.
7095.	67.	91.	8.	21.
7096.	73.	91.	7.	15.
7097.	64.	84.	8.	15.
7098.	65.	88.	7.	14.
7099.	55.	65.	8.	15.
7100.	43.	48.	11.	27.
7101.	100.	100.	3.	26.
7102.	100.	100.	5.	8.
7103.	46.	50.	10.	5.
7104.	38.	46.	12.	3.
7105.	40.	48.	12.	1.
7106.	48.	50.	12.	5.
7107.	57.	51.	11.	8.
7108.	75.	59.	9.	10.
7114.	100.	100.	3.	50.
7115.	31.	44.	12.	39.
7116.	78.	85.	6.	29.
7117.	100.	100.	5.	27.
7118.	100.	100.	3.	28.
7119.	100.	100.	5.	22.
7120.	70.	73.	7.	14.
7121.	40.	44.	9.	2.
7122.	44.	32.	12.	0.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7123.	56.	40.	10.	6.
7124.	76.	53.	9.	16.
7125.	100.	81.	7.	42.
7126.	100.	100.	3.	36.
7127.	100.	100.	2.	28.
7128.	100.	100.	4.	35.
7129.	88.	90.	6.	39.
7130.	66.	78.	7.	34.
7131.	95.	93.	6.	22.
7132.	79.	65.	7.	13.
7133.	57.	44.	10.	6.
7134.	50.	34.	13.	1.
7135.	51.	37.	13.	0.
7136.	51.	42.	13.	1.
7137.	48.	44.	13.	1.
7138.	36.	41.	13.	2.
7139.	44.	47.	13.	0.
7140.	51.	54.	12.	0.
7141.	53.	57.	11.	0.
7142.	54.	58.	11.	0.
7143.	43.	51.	13.	0.
7144.	49.	49.	13.	1.
7145.	50.	43.	13.	6.
7146.	43.	36.	13.	11.
7147.	62.	49.	11.	13.
7148.	75.	72.	8.	17.
7149.	79.	83.	7.	14.
7150.	60.	61.	9.	11.
7151.	62.	65.	8.	12.
7152.	100.	100.	1.	7.
7153.	100.	100.	0.	11.
7154.	100.	100.	0.	14.
7155.	100.	100.	0.	14.
7156.	100.	100.	2.	18.
7164.	100.	100.	6.	49.
7165.	47.	43.	11.	30.
7166.	60.	31.	13.	35.
7171.	100.	100.	3.	45.
7172.	100.	100.	5.	32.
7173.	100.	100.	3.	48.
7175.	100.	100.	1.	30.
7176.	100.	100.	0.	19.
7177.	100.	100.	2.	16.
7178.	100.	100.	3.	10.
7179.	100.	100.	4.	12.
7180.	100.	100.	4.	20.
7181.	100.	100.	5.	28.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7182.	100.	100.	4.	12.
7183.	100.	100.	4.	11.
7184.	100.	68.	8.	39.
7191.	100.	100.	0.	46.
7192.	100.	100.	0.	39.
7193.	100.	100.	2.	16.
7194.	100.	92.	5.	15.
7195.	100.	100.	4.	22.
7196.	100.	100.	4.	49.
7207.	100.	100.	4.	44.
7208.	100.	100.	3.	43.
7211.	100.	100.	2.	19.
7212.	100.	71.	5.	13.
7213.	100.	55.	6.	15.
7214.	100.	54.	8.	40.
7222.	100.	100.	1.	40.
7223.	100.	100.	2.	31.
7224.	75.	100.	4.	36.
7228.	100.	100.	0.	23.
7229.	100.	100.	0.	17.
7230.	100.	100.	2.	30.
7231.	100.	100.	3.	50.
7232.	100.	100.	3.	36.
7233.	100.	100.	1.	42.
7234.	100.	100.	3.	25.
7235.	100.	100.	4.	24.
7236.	100.	100.	5.	23.
7237.	100.	88.	6.	15.
7238.	83.	60.	8.	8.
7239.	55.	44.	10.	7.
7240.	31.	34.	11.	9.
7241.	39.	31.	11.	9.
7242.	33.	27.	12.	7.
7243.	44.	36.	8.	7.
7244.	100.	100.	1.	5.
7245.	100.	100.	0.	15.
7246.	15.	32.	13.	34.
7247.	100.	99.	5.	44.
7248.	100.	100.	4.	48.
7251.	100.	68.	7.	11.
7252.	100.	68.	6.	5.
7253.	100.	80.	5.	4.
7254.	52.	42.	10.	6.
7255.	47.	39.	11.	10.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7256.	100.	100.	0.	10.
7257.	100.	100.	0.	29.
7259.	100.	100.	1.	47.
7260.	75.	100.	6.	27.
7261.	77.	88.	7.	24.
7262.	100.	100.	5.	30.
7277.	100.	100.	1.	42.
7278.	100.	100.	3.	18.
7279.	100.	100.	5.	11.
7280.	100.	66.	6.	3.
7281.	68.	46.	8.	1.
7282.	50.	36.	10.	2.
7283.	44.	31.	12.	2.
7284.	49.	29.	12.	2.
7285.	49.	27.	13.	1.
7286.	36.	26.	13.	8.
7287.	21.	46.	12.	33.
7307.	100.	54.	9.	49.
7308.	78.	72.	7.	38.
7309.	65.	69.	7.	37.
7310.	67.	52.	8.	32.
7311.	79.	60.	7.	27.
7312.	100.	100.	3.	15.
7313.	100.	100.	0.	11.
7314.	100.	100.	0.	14.
7315.	51.	51.	10.	20.
7316.	100.	100.	5.	26.
7317.	100.	100.	6.	23.
7318.	70.	100.	5.	35.
7319.	100.	100.	2.	42.
7320.	97.	84.	8.	28.
7321.	90.	62.	9.	14.
7322.	48.	46.	11.	15.
7323.	41.	47.	10.	18.
7324.	70.	64.	7.	15.
7325.	69.	62.	7.	18.
7326.	100.	100.	1.	20.
7327.	100.	100.	0.	22.
7328.	100.	100.	3.	27.
7329.	100.	96.	6.	30.
7330.	100.	59.	7.	8.
7331.	51.	35.	11.	4.
7343.	100.	83.	7.	36.
7344.	100.	100.	3.	34.
7345.	95.	100.	5.	38.
7346.	88.	98.	6.	37.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7347.	100.	100.	5.	36.
7348.	100.	100.	5.	35.
7349.	100.	100.	5.	31.
7350.	100.	100.	5.	25.
7351.	100.	100.	6.	22.
7352.	48.	59.	10.	27.
7353.	48.	52.	11.	27.
7354.	58.	54.	10.	23.
7355.	61.	45.	10.	15.
7356.	33.	41.	11.	20.
7357.	33.	51.	9.	29.
7358.	48.	59.	8.	25.
7359.	27.	49.	10.	29.
7360.	78.	61.	8.	19.
7361.	65.	64.	7.	17.
7362.	59.	57.	8.	17.
7363.	93.	60.	8.	12.
7364.	93.	73.	6.	11.
7365.	78.	82.	5.	15.
7366.	94.	76.	5.	12.
7367.	66.	74.	6.	19.
7368.	44.	62.	8.	28.
7369.	73.	44.	11.	7.
7370.	53.	38.	12.	3.
7371.	34.	35.	12.	6.
7372.	25.	37.	12.	11.
7373.	36.	56.	9.	19.
7374.	42.	65.	9.	29.
7375.	100.	78.	8.	44.
7379.	100.	100.	4.	31.
7380.	100.	100.	3.	39.
7381.	100.	100.	2.	45.
7388.	92.	54.	7.	39.
7389.	70.	46.	8.	39.
7390.	100.	55.	6.	47.
7391.	100.	30.	11.	46.
7392.	100.	36.	10.	43.
7396.	100.	77.	5.	45.
7397.	100.	91.	5.	47.
7410.	100.	45.	11.	49.
7411.	100.	49.	10.	46.
7412.	32.	48.	8.	36.
7413.	97.	68.	5.	26.
7414.	100.	100.	0.	20.
7415.	100.	100.	0.	22.
7416.	100.	100.	3.	32.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7417.	28.	70.	6.	39.
7418.	52.	57.	7.	32.
7419.	39.	43.	11.	32.
7420.	47.	49.	10.	34.
7421.	72.	64.	8.	31.
7422.	66.	48.	10.	26.
7427.	100.	59.	9.	48.
7428.	100.	100.	3.	38.
7429.	100.	100.	2.	39.
7435.	100.	54.	10.	42.
7436.	100.	100.	5.	43.
7449.	100.	100.	7.	36.
7450.	88.	91.	9.	24.
7451.	69.	85.	10.	15.
7452.	73.	88.	10.	14.
7453.	69.	83.	10.	15.
7454.	54.	61.	12.	13.
7455.	54.	62.	11.	12.
7456.	60.	68.	10.	12.
7457.	59.	63.	11.	12.
7458.	48.	60.	11.	17.
7459.	48.	58.	11.	17.
7460.	47.	54.	12.	15.
7461.	48.	56.	11.	15.
7462.	60.	59.	10.	10.
7463.	53.	55.	11.	11.
7464.	44.	71.	9.	21.
7465.	29.	76.	8.	37.
7476.	100.	100.	1.	41.
7477.	100.	100.	4.	17.
7478.	85.	100.	6.	22.
7479.	77.	100.	5.	31.
7480.	100.	100.	3.	21.
7481.	35.	88.	8.	33.
7483.	100.	85.	8.	19.
7484.	100.	80.	8.	15.
7485.	50.	51.	12.	16.
7486.	68.	67.	9.	12.
7487.	37.	51.	12.	16.
7488.	29.	49.	13.	21.
7489.	38.	55.	11.	24.
7490.	38.	60.	10.	25.
7491.	74.	75.	8.	22.
7492.	61.	97.	7.	31.
7493.	49.	90.	8.	36.

ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%

7494.	100.	100.	6.	21.
7495.	100.	95.	7.	23.
7496.	59.	53.	12.	21.
7497.	46.	52.	12.	22.
7498.	42.	56.	11.	29.
7499.	47.	57.	12.	29.
7500.	49.	69.	9.	28.
7501.	100.	92.	7.	19.
7502.	100.	100.	4.	15.
7503.	100.	98.	6.	19.
7504.	53.	71.	8.	22.
7505.	46.	64.	9.	23.
7506.	100.	100.	3.	23.
7507.	100.	100.	1.	46.

7523.	100.	100.	4.	25.
7524.	100.	100.	4.	29.

7538.	100.	100.	5.	43.
7539.	100.	100.	6.	34.
7540.	96.	100.	6.	28.
7541.	75.	89.	7.	23.
7542.	79.	84.	7.	21.
7543.	100.	93.	6.	19.
7544.	99.	94.	6.	19.
7545.	91.	100.	5.	23.
7546.	99.	100.	6.	21.
7547.	42.	78.	8.	33.

7553.	100.	100.	2.	35.
7554.	100.	100.	1.	24.
7555.	100.	100.	1.	22.
7556.	100.	100.	4.	26.

7570.	100.	100.	3.	40.
-------	------	------	----	-----

7575.	100.	100.	1.	41.
7576.	100.	100.	4.	39.

7578.	100.	100.	4.	49.
7579.	100.	100.	2.	38.
7580.	100.	100.	2.	47.

7584.	100.	100.	4.	46.
-------	------	------	----	-----

7602.	100.	100.	2.	41.
7603.	82.	77.	7.	31.
7604.	48.	62.	9.	32.
7605.	100.	59.	9.	44.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL %	RT %		
7613.	100.	100.	5.	49.
7620.	100.	100.	4.	43.
7621.	65.	99.	5.	39.
7630.	100.	100.	3.	49.
7631.	100.	100.	5.	24.
7632.	92.	78.	7.	20.
7633.	43.	58.	9.	19.
7634.	32.	45.	12.	21.
7635.	22.	44.	12.	25.
7636.	31.	45.	12.	22.
7637.	36.	49.	11.	22.
7638.	74.	75.	7.	18.
7639.	45.	54.	10.	22.
7640.	6.	51.	11.	39.
7661.	100.	100.	3.	34.
7662.	100.	100.	4.	42.
7663.	100.	100.	3.	45.
7664.	100.	100.	3.	36.
7692.	100.	46.	11.	48.
7693.	100.	79.	7.	41.
7694.	100.	100.	5.	37.
7695.	100.	100.	4.	49.
7703.	100.	100.	2.	45.
7704.	100.	100.	4.	45.
7705.	100.	100.	4.	36.
7706.	100.	100.	5.	17.
7707.	100.	97.	6.	13.
7708.	86.	81.	7.	12.
7709.	68.	66.	8.	14.
7710.	43.	100.	5.	30.
7722.	100.	100.	0.	27.
7742.	100.	52.	9.	38.
7743.	100.	77.	6.	37.
7744.	100.	100.	3.	33.
7745.	100.	100.	4.	34.
7746.	41.	69.	8.	40.
7747.	100.	69.	7.	22.
7748.	63.	77.	7.	35.
7749.	100.	68.	8.	45.
7750.	94.	59.	9.	18.
7751.	100.	51.	10.	13.
7752.	58.	42.	12.	14.
7753.	49.	38.	12.	11.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7754.	46.	35.	13.	10.
7755.	38.	38.	12.	13.
7756.	42.	40.	12.	13.
7757.	45.	40.	12.	10.
7758.	40.	37.	13.	10.
7759.	39.	38.	13.	8.
7760.	41.	38.	13.	7.
7761.	36.	37.	14.	8.
7762.	34.	37.	14.	8.
7763.	33.	40.	13.	12.
7773.	100.	100.	3.	46.
7774.	72.	29.	13.	34.
7776.	100.	34.	11.	47.
7777.	100.	48.	7.	21.
7778.	81.	37.	10.	19.
7779.	50.	31.	12.	20.
7780.	40.	28.	14.	18.
7781.	39.	26.	15.	17.
7782.	37.	26.	14.	21.
7783.	31.	26.	14.	24.
7784.	44.	29.	13.	22.
7785.	53.	31.	12.	18.
7786.	41.	31.	12.	22.
7787.	100.	45.	10.	40.
7813.	100.	100.	1.	39.
7814.	100.	92.	5.	23.
7815.	52.	93.	6.	35.
7850.	100.	100.	2.	49.
7851.	100.	100.	4.	39.
7852.	100.	93.	6.	44.
7853.	84.	79.	7.	34.
7854.	75.	68.	8.	27.
7855.	100.	55.	10.	48.
7858.	100.	100.	2.	46.
7868.	100.	45.	11.	22.
7869.	78.	43.	10.	19.
7870.	55.	35.	11.	14.
7871.	53.	35.	11.	15.
7872.	44.	34.	11.	16.
7873.	39.	34.	11.	19.
7874.	42.	34.	11.	20.
7875.	55.	31.	12.	12.
7876.	52.	32.	12.	12.
7877.	46.	33.	11.	14.



ENSERCH EXPLORATION INC.-----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7878.	55.	34.	11.	15.
7879.	41.	32.	12.	22.
7880.	51.	30.	14.	20.
7881.	66.	38.	13.	16.
7882.	57.	45.	12.	15.
7883.	67.	65.	10.	16.
7884.	77.	90.	8.	18.
7885.	69.	72.	10.	17.
7886.	58.	58.	12.	14.
7887.	40.	54.	12.	18.
7888.	45.	60.	12.	17.
7889.	51.	66.	11.	15.
7890.	59.	91.	9.	16.
7891.	65.	100.	7.	20.
7892.	54.	92.	9.	19.
7893.	58.	80.	11.	17.
7894.	58.	76.	11.	17.
7895.	58.	71.	12.	19.
7896.	50.	69.	12.	25.
7897.	53.	67.	12.	23.
7898.	59.	73.	12.	22.
7899.	60.	73.	12.	21.
7900.	61.	71.	12.	16.
7901.	66.	79.	11.	15.
7902.	76.	89.	10.	16.
7903.	74.	89.	9.	17.
7904.	91.	93.	9.	17.
7905.	80.	88.	9.	17.
7906.	60.	70.	10.	20.
7907.	53.	59.	11.	20.
7908.	44.	53.	12.	20.
7909.	69.	58.	11.	11.
7910.	69.	66.	10.	10.
7911.	63.	58.	11.	10.
7912.	59.	51.	11.	9.
7913.	49.	50.	12.	13.
7914.	29.	85.	9.	32.
7917.	100.	95.	8.	26.
7918.	70.	69.	11.	20.
7919.	55.	65.	12.	16.
7920.	55.	65.	12.	15.
7921.	45.	59.	13.	18.
7922.	54.	64.	12.	17.
7923.	58.	69.	11.	23.
7924.	56.	51.	14.	17.
7925.	53.	48.	14.	10.
7926.	55.	52.	13.	6.
7927.	52.	55.	12.	8.
7928.	51.	53.	12.	9.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
7929.	95.	88.	7.	11.
7930.	100.	100.	6.	16.
7931.	74.	97.	8.	19.
7932.	71.	86.	9.	21.
7933.	41.	87.	9.	36.
7936.	100.	100.	5.	40.
7937.	100.	100.	4.	38.
7938.	100.	100.	1.	42.
7939.	100.	100.	1.	38.
7940.	100.	100.	2.	49.
7946.	100.	100.	0.	46.
7947.	100.	100.	4.	21.
7948.	92.	71.	10.	15.
7949.	65.	71.	11.	11.
7950.	76.	92.	9.	14.
7951.	64.	90.	9.	16.
7952.	60.	92.	9.	14.
7953.	87.	100.	8.	12.
7954.	100.	100.	6.	10.
7955.	87.	97.	8.	11.
7956.	62.	65.	11.	13.
7957.	52.	56.	12.	13.
7958.	26.	49.	14.	27.
7959.	47.	56.	13.	27.
7961.	100.	70.	13.	23.
7962.	90.	63.	13.	7.
7963.	53.	66.	12.	6.
7964.	45.	64.	13.	6.
7965.	34.	66.	12.	10.
7966.	32.	69.	12.	14.
7967.	38.	70.	12.	19.
7968.	49.	54.	10.	21.
7969.	57.	32.	13.	12.
7970.	49.	37.	12.	9.
7971.	58.	66.	8.	12.
7972.	51.	100.	7.	27.
7973.	100.	100.	6.	43.
7974.	100.	100.	2.	40.
7975.	100.	100.	1.	30.
7976.	100.	100.	1.	40.
7977.	100.	100.	1.	47.
7978.	100.	100.	2.	46.
7979.	100.	100.	4.	43.
7980.	100.	50.	9.	8.
7981.	76.	49.	8.	7.
7982.	26.	69.	7.	19.
7983.	19.	100.	6.	26.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1373 AVERAGE  
 NATURAL BUTTES----14-10S-23E---UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL %	RT %		
7984.	100.	100.	3.	41.
7987.	100.	100.	3.	41.
7988.	100.	100.	6.	31.
7989.	95.	100.	7.	35.
7990.	100.	100.	3.	44.
7991.	100.	100.	2.	46.
7992.	100.	100.	2.	43.
7993.	100.	100.	4.	39.
7994.	100.	100.	4.	26.
7995.	100.	100.	3.	28.
7996.	100.	100.	4.	40.
8025.	1.	0.	100.	0.
8026.	1.	48.	100.	0.
8076.	100.	100.	2.	46.
8077.	100.	100.	2.	35.
8078.	100.	100.	1.	34.
8079.	100.	100.	0.	39.
8080.	100.	100.	0.	37.
8081.	100.	100.	0.	49.
8083.	100.	100.	2.	44.
8084.	100.	100.	1.	50.
8092.	100.	100.	3.	42.
8093.	100.	100.	3.	40.
8094.	100.	100.	2.	39.
8095.	100.	100.	3.	19.
8096.	100.	91.	7.	14.
8097.	64.	74.	9.	18.
8098.	93.	68.	10.	6.
8099.	85.	68.	8.	2.
8100.	56.	49.	10.	2.
8101.	49.	47.	10.	4.
8102.	50.	49.	10.	7.
8103.	46.	57.	9.	15.
8104.	40.	96.	7.	29.
8105.	100.	100.	3.	47.
8106.	100.	66.	9.	12.
8107.	84.	55.	10.	13.
8108.	46.	55.	10.	18.
8109.	80.	48.	9.	10.
8110.	26.	65.	9.	26.
8111.	35.	70.	10.	33.
8112.	57.	63.	11.	39.
8113.	91.	57.	14.	25.
8114.	100.	100.	6.	16.
8115.	100.	100.	2.	14.



ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14 DCC1873 AVERAGE  
 NATURAL BUTTES----14-10S-23E----UINTAH COUNTY, UTAH

DEPTH	WATER SATURATIONS		VOLUME	
	NLL	RT	POROSITY	SHALE
	%	%	%	%
8116.	100.	100.	1.	15.
8117.	100.	100.	4.	11.
8118.	100.	67.	8.	6.
8119.	52.	52.	8.	9.
8120.	55.	78.	7.	15.
8121.	63.	90.	7.	27.
8122.	100.	100.	8.	40.
8123.	98.	97.	9.	21.
8124.	79.	70.	10.	11.
8125.	61.	67.	9.	3.
8126.	50.	60.	8.	1.
8127.	28.	90.	6.	18.
8128.	100.	100.	1.	37.
8129.	100.	100.	1.	32.
8130.	100.	100.	2.	37.
8131.	100.	100.	4.	22.
8132.	100.	99.	7.	8.
8133.	99.	83.	7.	5.
8134.	75.	84.	7.	6.
8135.	60.	78.	8.	10.
8136.	58.	71.	9.	17.
8137.	58.	60.	11.	20.
8138.	53.	55.	12.	19.
8139.	49.	81.	9.	37.
8140.	100.	100.	8.	33.
8141.	100.	93.	9.	14.
8142.	55.	82.	9.	17.
8143.	65.	100.	5.	33.
8144.	100.	100.	2.	40.
8145.	100.	100.	4.	31.
8146.	100.	99.	7.	15.
8147.	50.	49.	12.	8.
8148.	26.	33.	12.	5.
8149.	31.	29.	12.	5.
8150.	33.	27.	13.	2.
8151.	30.	27.	13.	2.
8152.	38.	32.	10.	2.
8153.	39.	33.	9.	7.
8154.	48.	36.	10.	15.
8155.	71.	55.	9.	18.
8156.	64.	94.	6.	32.
8163.	100.	100.	4.	50.
8164.	100.	88.	8.	42.
8165.	100.	100.	7.	29.
8166.	100.	100.	6.	25.
8167.	100.	80.	7.	24.
8168.	100.	55.	10.	8.
8169.	100.	49.	10.	12.
8170.	100.	66.	7.	15.

ENSERCH EXPLORATION INC.----WHITE RIVER FEDERAL #1-14  
NATURAL BUTTES-----14-10S-23E-----UINTAH COUNTY, UTAH

DCC1873 AVERAGE

DEPTH	WATER SATURATIONS		POROSITY	VOLUME SHALE
	NLL %	RT %		
8171.	100.	60.	8.	8.
8172.	100.	51.	9.	5.
8173.	100.	48.	9.	7.
8174.	100.	71.	6.	9.
8175.	100.	98.	5.	8.
8176.	100.	100.	3.	33.

Dresser Atlas

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: P.O. Box 173779  
city DENVER  
state CO zip 80217 Phone Number: (720) 929-6029

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
See Atchmt	See Atchmt						
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	99999	18519				5/11/2012	
<b>Comments:</b> Please see attachment with list of Wells in the Ponderosa Unit. <u>W5MVD</u> <span style="float: right;">5/30/2012</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

Title

5/21/2012

Date

**RECEIVED**

**MAY 21 2012**

(5/2000)

Div. of Oil, Gas & Mining

well_name	sec	tpw	rng	api	entity		lease	well	stat	qtr_qtr	bhl	surf	zone	a_stat	l_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	P	SENW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742		1	GW	S	SESW		1	WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	090S	230E	4304734898	13755		1	GW	P	NWNW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149	13994		1	GW	P	NWSE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31B	31	090S	230E	4304735150	13953		1	GW	P	NWNE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31P	31	090S	230E	4304735288	14037		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		1	GW	P	SENE		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31O	31	090S	230E	4304737205	16827		1	GW	P	SWSE		1	MVRD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	090S	230E	4304737209	16521		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	P	NENE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	P	SWNE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	P	NENE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	P	SWNW		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	P	NENW		1	MVRD	P	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	P	NESW		1	MVRD	P	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	P	SENW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	P	NWNE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	P	NWNW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	P	SENE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	P	NWSW		1	MVRD	P	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	P	NWSE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	P	NESE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	P	SWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	P	NENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	P	NENE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3	GW	P	SWNE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O	02	100S	230E	4304735662	14289		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3	GW	S	NESE		3	WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3	GW	P	SWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3	GW	P	SENE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3	GW	P	NWNE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3	GW	P	SESE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3	GW	P	SESW		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2L	02	100S	230E	4304737225	15833		3	GW	P	NWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2F	02	100S	230E	4304737226	15386		3	GW	P	SENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D-4	02	100S	230E	4304738761	16033		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O-1	02	100S	230E	4304738762	16013		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H3CS	02	100S	230E	4304750344	17426		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G2CS	02	100S	230E	4304750346	17429		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G1BS	02	100S	230E	4304750347	17427		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995



BONANZA 1023-2M1S	02	100S	230E	4304750379	17443		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445		3	GW	P	SENW	D	3	WSMVD	P	ML 47062	N2995
BONANZA 4-6 ✱	04	100S	230E	4304734751	13841		1	GW	P	NESW		1	MNCS	P	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155		1	GW	P	SWNW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252		1	GW	P	NENW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930		1	GW	P	SWSW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4O	04	100S	230E	4304735688	15111		1	GW	P	SWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446		1	GW	P	NESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352		1	GW	P	NWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351		1	GW	P	NWNE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395		1	GW	P	SESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356		1	GW	P	SENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297		1	GW	P	SWSE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699		1	GW	P	SWSW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055		1	GW	P	NWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795		1	GW	P	SESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323		1	GW	P	NESE	D	1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796		1	GW	TA	NESW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951		1	GW	P	NENW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170		1	GW	P	SWNW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233		1	GW	P	SWSW		1	WSMVD	P	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221		1	GW	P	SWNE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6O	06	100S	230E	4304735630	14425		1	GW	TA	SWSE		1	WSMVD	TA	U-38419	N2995

✱ not moved in unit

BONANZA 1023-6A	06	100S	230E	4304736067	14775		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-6N	06	100S	230E	4304737211	15672		1	GW	P	SESW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6L	06	100S	230E	4304737212	15673		1	GW	P	NWSW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6J	06	100S	230E	4304737213	15620		1	GW	P	NWSE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	100S	230E	4304737214	15576		1	GW	TA	SENW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	100S	230E	4304737323	16794		1	GW	P	SESE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6H	06	100S	230E	4304737324	16798		1	GW	S	SENE		1	WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100S	230E	4304737429	17020		1	GW	P	NWNW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100S	230E	4304750453	17581		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I2S	06	100S	230E	4304750457	17790		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I4S	06	100S	230E	4304750458	17792		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244		1	GW	S	NENW		1	WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		1	GW	P	NWNE		1	MVRD	P	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		1	GW	P	NWSW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		1	GW	P	NWNW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		1	GW	P	SESE		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		1	GW	P	SENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		1	GW	P	SESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		1	GW	P	SWSW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7K	07	100S	230E	4304737216	16714		1	GW	P	NESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	100S	230E	4304737217	16870		1	GW	P	SWNW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	100S	230E	4304737326	16765		1	GW	P	SWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	100S	230E	4304737327	16796		1	GW	P	NENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7O	07	100S	230E	4304738304	16713		1	GW	P	SWSE		1	MVRD	P	UTU-38420	N2995
BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		1	GW	P	NWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-07JT	07	100S	230E	4304739390	16869		1	GW	P	NWSE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	17494		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7J2DS	07	100S	230E	4304750475	17495		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7L3DS	07	100S	230E	4304750476	17939		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7M2AS	07	100S	230E	4304750477	17942		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7O4S	07	100S	230E	4304750480	17918		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 8-2	08	100S	230E	4304734087	13851		1	GW	P	SESE		1	MVRD	P	U-37355	N2995

BONANZA 8-3	08	100S	230E	4304734770	13843		1	GW	P	NWNW		1	MVRD	P	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932		1	GW	P	NENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876		1	GW	P	NWSW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104		1	GW	P	SESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877		1	GW	S	SENW		1	WSMVD	S	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354		1	GW	P	NESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8M	08	100S	230E	4304738217	16564		1	GW	P	SWSW		1	MVRD	P	UTU-37355	N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903		1	GW	P	SWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397		1	GW	P	SWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353		1	GW	P	SENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8O	08	100S	230E	4304738305	16392		1	GW	P	SWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B1AS	08	100S	230E	4304750484	17520		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B2AS	08	100S	230E	4304750485	17521		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O2S	08	100S	230E	4304750495	17511		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3S	08	100S	230E	4304750497	17512		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J3	08	100S	230E	4304750498	17510		1	GW	P	NWSE		1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G3AS	08	100S	230E	4304751134	18168		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G4DS	08	100S	230E	4304751140	18144		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H2DS	08	100S	230E	4304751141	18142		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H3DS	08	100S	230E	4304751142	18143		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8I4BS	08	100S	230E	4304751144	18155		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J4BS	08	100S	230E	4304751145	18154		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P1AS	08	100S	230E	4304751146	18156		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P4AS	08	100S	230E	4304751148	18157		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2DS	08	100S	230E	4304751149	18201		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995

BONANZA 1023-8E3DS	08	100S	230E	4304751150	18200		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K1CS	08	100S	230E	4304751151	18199		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8L3DS	08	100S	230E	4304751153	18197		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2AS	08	100S	230E	4304751154	18217		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2DS	08	100S	230E	4304751155	18216		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N2BS	08	100S	230E	4304751156	18218		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3CS	08	100S	230E	4304751157	18254		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N3DS	08	100S	230E	4304751158	18215		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O4AS	08	100S	230E	4304751159	18252		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468		1	GW	P	NENW		1	MVRD	P	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767		1	GW	S	SWSW		1	MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685		1	GW	S	NWSE		1	MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852		1	GW	P	NWNE		1	MVRD	P	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892		1	GW	P	SESW		1	MVRD	P	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931		1	GW	P	SWNW		1	WSMVD	P	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398		1	GW	P	NWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989		1	GW	P	NWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782		1	GW	P	NWNW		1	MVRD	P	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164		1	GW	P	NWSW		1	WSMVD	P	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501		1	GW	P	SWNW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 11-2 ★	11	100S	230E	4304734773	13768		1	GW	P	SWNW		1	MVMCS	P	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132		1	GW	P	NESW		1	WSMVD	P	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764		1	GW	P	NWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797		1	GW	P	SENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711		1	GW	P	NWNW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826		1	GW	P	SWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736		1	GW	P	NENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839		1	GW	P	NWSE		1	WSMVD	P	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646		1	GW	P	SESW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687		1	GW	P	SWSW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987		1	GW	P	NWSW		1	WSMVD	P	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480		1	GW	P	NENW		1	MVRD	P	UTU-38423	N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500		1	GW	S	NENW		1	MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799		1	GW	P	NWNW		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-14C	14	100S	230E	4304738299	16623		1	GW	P	NENW		1	MVRD	P	UTU-38427	N2995
BONANZA FEDERAL 3-15	15	100S	230E	4304731278	8406		1	GW	P	NENW		1	MVRD	P	U-38428	N2995

★ not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1	GW	P	SENE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988		1	GW	P	NWSE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1	GW	P	NESE	D	1	MVRD	P	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495		3	GW	P	NESE		3	WSMVD	P	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		3	GW	OPS	NWSE		3	WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410		1	GW	P	SWNE		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		1	GW	P	NWNE		1	WSMVD	P	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668		1	GW	P	NWNW		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625		1	GW	P	NENE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624		1	GW	P	SENW		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645		1	GW	P	SWNW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734		1	GW	P	NENW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135		1	GW	P	SWNE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496		1	GW	P	SENW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565			GW	P	SENW			MVRD	P	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319			GW		NENW	D				UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-38427
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> PONDEROSA
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> WHITE RIVER 1-14
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1307 FNL 2129 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 14 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047304810000
<b>PHONE NUMBER:</b> 720 929-6511		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/5/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the plug and abandonment operations on the subject well location on 03/05/2012. Please see the attached chronological well history for details and updated latitude and longitude locations. Reclamation plan approved 1/4/2011. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 19, 2012		
<b>NAME (PLEASE PRINT)</b> Cara Mahler	<b>PHONE NUMBER</b> 720 929-6029	<b>TITLE</b> Regulatory Analyst I
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/19/2012	



**US ROCKIES REGION**  
**Operation Summary Report**

Well: WHITE RIVER 1-14					Spud Date:						
Project: UTAH-UINTAH				Site: WHITE RIVER 1-14				Rig Name No: WESTERN WELLSITE/UNK			
Event: ABANDONMENT				Start Date: 2/27/2012				End Date: 3/5/2012			
Active Datum: RKB @0.00usft (above Mean Sea Level)					UWI: WHITE RIVER 1-14						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation			
2/27/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, ROAD EQUIPMENT TO LOCATION, MIRU, SDFN			
2/28/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, BLOW DOWN WELL, NDWH, NUBOP, NO TUBING IN WELL, RU WIRELINE, RIH WITH GAUGE RING, TAG UP AT 3200', POOH WITH SAME, RIH WITH COMPRESSION BLOCK AND TAG AT 3200', POOH WITH SAME (NO HELP), RD WIRELINE, SIW, WO NEW WORK STRING, SDFN			
2/29/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, BLOW DOWN WELL, WO FISHING TOOLS, PU COMPRESSION BLOCK, TALLY AND TIH WITH TUBING, TAG AT 3200', TOH, COMPRESSION BLOCK SHOWS CASING PARTED, WO ORDERS, SDFN			
3/1/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, RU WIRELINE, RIH WITH CBL TOOL, COULD NOT GET CBL FLUID TO AERATED, RD WIRELINE, TIH WITH CICR AND SET AT 2751', BREAK CIRCULATION, PRESSURE TEST 4.5" CASING TO 500PSI HELD, GOOD RATE UNDER CICR (2BLS/MIN@200PSI), MIX AND PUMP 170SXS CLASS G CEMENT WITH LCM(SQUEEZED OFF TO 700PSI, 160SXS UNDER, 10SXS ON TOP OF CICR), TOH TO 2500', REVERSE CIRCULATE WITH 40BLS TMAC, TOH, RU WIRELINE, RUN CBL, RD WIRELINE, WO ORDERS, SIW, SDFN WITNESSED BY: JAKE BIRCHELL BLM			
3/2/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, TIH TO 1845', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 1195', MIX AND PUMP 20SXS CLASS G CEMENT, TOH, RU WIRELINE, SHOOT PERFS AT 290', NO RATE INTO PERFS, RD WIRELINE, BULLHEAD 120SXS CLASS G CEMENT W/CALCIUM CHLORIDE+LCM DOWN SURFACE ANNULUS, SI SURFACE, NDBOP, TIH TO 320', MIX AND PUMP 35SXS CLASS G CEMENT TO SURFACE, RD, DIGOUT WELLHEAD, CUT OFF WELLHEAD, SDFN WITNESSED BY: JAKE BIRCHELL BLM			
3/5/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, WO WATER, MIX AND PUMP 70SXS CLASS G CEMENT W/CALCIUM CHLORIDE+ LCM TO FILL 13 3/8"-8 5/8" ANNULUS, TOP OFF 4.5" CASING WITH 10SXS CLASS G CEMENT, WELD ON INFO PLATE, BACKFILL, CLEAN LOCATION, MO WITNESSED BY: JAKE BIRCHELL BLM			
LAT/LONG: 39.95285/-109.29556											